AMENDMENT OF SOLICITATION AND			1 . 1
2. AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO	5. PROJECT NO. (If applicable)
000108	See Block 16C	4200272125	USTDC
8. ISSUED BY	CODE KSC	7 ADMINISTERED BY (If other than Item 6)	CODE KSC
NASA/John F. Kennedy Spa	ace Center	NASA/Kennedy Space Center	L
Office of Procurement  4AIL CODE OP		Office of Procurement	
KENNEDY SPACE CENTER FL	32899	MAIL CODE OP-ES	
Siried Oblivial III	52033	ATTN: Andrew S. Dennis KENNEDY SPACE CENTER FL 3	0000
		TOWNED! SPACE CENTER EL 3	2899
B. NAME AND ADDRESS OF CONTRACTOR (P	No., street, county, State and ZIP Code)	(x) 9A. AMENDMENT OF SOLICITATION NO.	The state of the s
SRC AEROSPACE CORP			
ttn: NONE SPECIFIED		9B. DATED (SEE ITEM 11)	
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REENBELT MD 20770-6302		100 MODIFICATION OF SOME	
		× 10A. MODIFICATION OF CONTRACT/ORDER NAS1003006	NO.
ODE	TEACH TO COOP	10B. DATED (SEE ITEM 13)	
	FACILITY CODE	03/01/2003	
The above numbered solicitation is amounted	11. THIS ITEM ONLY APPLIES	TO AMENDMENTS OF SOLICITATIONS	
The above numbered solicitation is amended a Offers must acknowledge receipt of this amend	Iment prior to the hour and date sp Iment prior to the hour and date specified in	Decified for receipt of Offers is extended in the solicitation or as amended, by one of the following me	nded. is not extended.
Superate letter or telegram which includes a ref THE PLACE DESIGNATED FOR THE RECEID			
		umbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO D DATE SPECIFIED MAY RESULT IN REJECTION OF YOu ay be made by telegram or letter, provided each telegram or	OUR OFFER. If by
reference to the solicitation and this amendment ACCOUNTING AND APPROPRIATION DATA	(If required)	and date specified.	n lotter makes
ee Schedule	N	et Increase: \$4	4,685,977.00
A THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A.	UED PURSUANT TO: (Specify authority) T	DERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DE THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN TO	HE CONTRACT
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FAR (48 CFR) 53 243

## B.2 CONTRACT VALUE, AWARD FEE, AND INCENTIVE FEE

### (a) Contract Value

The Contract Value is comprised of the estimated cost, award fee, and incentive fee reflected in Table B-1, <u>Contract Value</u>. The adjusted target cost for award fee performance evaluation purposes, the amount of available award fee (AAF), and the earned award fee (EAF) are reflected in Table B-2, <u>Adjusted Target Cost & Award Fees</u>. The available incentive fee (AIF) and earned incentive fee (EIF) are reflected in Table B-3, <u>Incentive Fee</u>.

Table B-1  Contract Value									
Base Period				Jonata Value					
03/01/03 to 9/30/07				\$146,324,34 <del>2</del>					
Option 1	•			Ψ140,324,342					
10/01/07 - 9/30/08				70 126 040					
Option 2				79,126,018					
10/01/08 - 9/30/09				72 574 574					
Option 3				73,574,574					
10/01/09 - 9/30/10				15 704 200					
Option 4			,	15,794,208					
10/01/10 - 9/30/11			•						
Option 5	_		-						
10/01/11 - 9/30/12	-		+						
Totals:	-		+	314,819,142					

<sup>\*</sup>Estimated cost will initially equal the adjusted target cost plus other direct costs. However, as actual costs are reported, projected and/or finalized for CY1 the estimated cost will be adjusted accordingly. Subsequently the estimated cost will equal the "adjusted" estimated cost for CY1 plus the target cost for the subsequent CY until such time as the subsequent CY's target cost is "adjusted." This process will be repeated throughout the contract.

<sup>\*\*</sup>Award fee equals the sum of the available award fee for the current contract year plus the earned award fee for completed contract years as reflected in Table B-2.

<sup>\*\*\*</sup> Incentive fee equals the available incentive fee for the current contract period plus the earned incentive fee from completed contract periods as reflected in Table B-3.

 CONTINUATION SHEET
 REFERENCE NO. OF 1 JMENT BEING CONTINUED NAS1003006/000108
 PAGE 0F
 2
 2

NAME OF OFFEROR OR CONTRACTOR
ASRC AEROSPACE CORP

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Available Award Fee as identified in Attachment				
	J-10, Contract Value, Award Fee and Incentive Fee.				
	4. Section B, Table B-3 is updated to reflect				
	the most current Available Incentive Fee as				
	identified in Attachment J-10, Contract Value,		l l		
	Award Fee and Incentive Fee and the most current				
	Completed Work for Others and Incentive Fee				
	Earned-to-Date.				
	5. Section B, Table B-4 is updated to reflect				
	the contract value increase of \$67,267,112 for a				
	total contract value of \$314,819,142 as well as				
	to reflect updated incremental funding.				
	6. Section J, LIST OF ATTACHMENTS; Attachment	İ			
	J-10, Contract Value, Award Fee and Incentive				
	Fee, is updated to reflect the most current value				
	of the work authorized on the contract. The	İ			-
	contents of the task orders listed in contract				
	Attachment J-10 are hereby incorporated by				
	reference.				
	7. The following page changes shall be made to				
	the contract to incorporate the above				
	modification:				
	MOGILIOGOTOM				
	Section B				
	Replace page 5 with the attached revised page 5.				
	Replace page 7 with the attached revised page 7.				
	Replace page 8 with the attached revised page 8.				
	Replace page 13,13.1, and 13.2 with the attached	İ			
	revised page 13, 13.1, and 13.2.				
	7.10				
	Section J; Attachment J-10				
	Replace pages 1 through 108 with the attached revised pages 1 through 72.		l		
	revised pages i uniough /2.				
	8. All other terms and conditions remain	1	1		
	unchanged.		l		
		1			
		1	ĺ		
		1	1		

	Tab	le B-2								
Adjusted Target Cost & Award Fees										
Contract Year	Adjusted Target Cost*	Available Award Fee**	Earned Award Fee	Score	Rating					
Base Period				1						
CY1 Award to 9/30/03				92	Excellent					
CY2 10/01/03 - 9/30/04	<del>_</del>			92	Excellent					
CY3 10/01/04 - 9/30/05				95	Excellent					
CY4 10/01/05 - 9/30/06	_			97	Excellent					
CY5 10/01/06 - 9/30/07				96	Excellent					
Option 1										
CY6 10/01/07 - 9/30/08										
Option 2	<del></del>									
CY7 10/01/08 - 9/30/09					——————————————————————————————————————					
Option 3	_									
CY8 10/01/09 - 9/30/10		•								
Option 4										
CY9 10/01/10 - 9/30/11					· · · · · · · · · · · · · · · · · · ·					
Option 5					<del>·</del>					
CY10 10/01/11 - 9/30/12										
Adjusted target cost equals vithin each contract year.										
*AAF equals the sum of the	AAF for all task o	rders issued wi	thin each cor	tract ve	ar					

, , , ,	Table E	3-3	
	Incentive	Fee	
Contract Period	Available Incentive Fee*	Completed WFO**	Incentive Fee Earned- to-Date***
Base Period			
03/01/03 to 9/30/07			and the same of th
Option 1			
10/01/07 - 9/30/08			
Option 2			
10/01/08 - 9/30/09			
Option 3			
10/01/09 - 9/30/10			
Option 4			
10/01/10 - 9/30/11			
Option 5			
10/01/11 - 9/30/12			
Totals	<b>3:</b>		-

<sup>\*</sup> Equals sum of the contract period AIF for all task orders issued within each contract period. However, if unearned IF is carried over to a subsequent period, then the AIF will equal the value of the carried over IF plus the AIF for all task orders issued within that contract period.

### (c) Determination of EAF

The amount of award fee earned by the contractor shall be determined in accordance with contract clause G.2 and Attachment J-3, <u>Performance Surveillance and Award Fee Plan</u>.

### (d) Determination of EIF

### (1) Computation of EIF

The EIF during each contract period will be determined upon completion of each instance of Work for Others (WFO) or after a significant change in AIF, but no more frequently than monthly, using the following formula:

<sup>\*\*</sup> Equals sum of all WFO completed during the contract period.

<sup>\*\*\*</sup> Earned-to-Date means as of the contract modification reflected in the upper corner of this page.

### B.3 CONTRACT FUNDING (NFS 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost and fees in accordance with the Limitation of Funds clause, the total amounts allotted by the Government to this contract, and the period of performance through which it is estimated these funds wil cover, are specified in Table B-4.

Table B-4
CONTRACT FUNDING

Γ		<del></del>	FUNDING			
					Adequate	
Contract	Estimated	Award	Incentive	Total Cost	through	Contract
Mod	Cost	Fee	Fee	& Fee	date	Value
1				\$4,334,267.00	4/30/2003	\$4,334,267
2	-			\$2,208,012.00	5/30/2003	\$2,208,012
4				\$1,629,276.00	7/11/2003	<del>+</del> =,=00,012
5	-			\$1,246,169.00	8/4/2003	
6				\$1,813,245.00	9/3/2003	\$8,339,265
7				\$3,302,408.00	10/17/2003	40,000,200
8	_			\$2,203,787.00	11/21/2003	\$2,097,273
9	_			\$130,141.00	11/21/2003	V=10011, <b>=</b> 1.0
10				\$2,141,294.00	1/2/2004	\$11,453,640
11				\$1,583,310.00	2/6/2004	
12				\$0.00		(\$51,803)
13				\$3,073,269.00	4/5/2004	(40.110.00)
14				\$0.00		\$4,835,575
15				\$1,375,467.00	4/23/2004	
16				\$1,801,848.00	5/27/2004	
17				\$1,721,746.00	6/18/2004	<del></del>
18				\$0.00		\$3,048,651
19				\$1,231,987.00	7/8/2004	
20				\$76,995.00	7/9/2004	<del></del>
21				\$1,373,128.28	8/6/2004	<del></del>
22				\$4,713,281.00	9/30/2004	
23				\$641,201.00	10/8/2004	\$4,564,822
24				\$1,752,924.00	11/12/2004	
25				\$604,026.00	11/16/2004	
26				\$3,932,993.27	12/30/2004	\$4,200,702
27				\$119,745.00	12/30/2004	
28				\$948,552.00	1/28/2005	
29	•			\$1,077,515.00	2/9/2005	\$15,081,736
30				\$0.00		(\$566,966)
31				\$1,281,558.00	3/8/2005	
33	-			\$6,084,443.00	5/31/2005	
34	•			\$3,075,139.00	7/15/2005	\$1,277,695
35				\$2,701,938.00	8/12/2005	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
36				\$706,755.00	8/19/2005	
37				\$1,526,845.00	8/28/2005	
38				\$227,000.00	8/29/2005	\$6,846,822
39				\$3,113,040.00	9/30/2005	
40	· · · · · · · · · · · · · · · · · · ·			\$2,599,032.01	10/31/2005	

Page 13

Table B-4
CONTRACT FUNDING

			FUNDING			
[					Adequate	
Contract	Estimated	Award	Incentive	Total Cost	through	Contract
Mod	Cost	Fee	Fee	& Fee	date	Value
42		•		\$1,855,902.00	11/30/2005	
43				\$2,543,573.00	12/31/2005	
44				\$580,749.00	12/31/2005	
45				\$838.00	12/31/2005	
46				\$1,637,463.00	1/9/2006	
47						\$15,953,809
48				\$1,259,705.00	1/20/2006	
49	•					(\$61,865)
50				\$2,275,490.00	2/24/2006	
51				\$1,462,053.00	3/31/2006	
52				\$1,784,268.00	5/1/2006	
53				\$10,226,337.00	8/11/2006	
54				\$3,895,797.00	8/30/2006	\$15,219,265
56				\$3,504,780.00	9/11/2006	
57			**************************************	\$3,013,593.00	9/22/2006	
58				\$73,104.00	9/22/2006	
59						\$6,219,674
60				\$3,158,154.00	9/28/2006	
61	•			\$1,329,315.00	9/29/2006	
62	•			\$4,121,458.00	11/17/2006	
63				\$1,970,247.00	11/24/2006	
64				\$603,611.00	12/1/2006	
65				\$1,062,160.00	1/8/2007	\$32,796,779
67	*			\$10,827,778.00	3/30/2007	402,.00,0
68				\$9,284,097.00	6/29/2007	
69				- 40,201,007.00		\$14,965,848
70	•			\$6,679,750.00	8/17/2007	Ţ.,,000,0 io
71	•			\$4,706,899.00	9/3/2007	
74	•			\$12,148,359.00	9/17/2007	
75	•			\$1,047,433.00	9/17/2007	***
76	•			<b>V1,011,100.00</b>	- 0, 11,2001	\$9,337,508
77	•			\$1,174,244.00	9/24/2007	40,007,000
78				\$367,398.00	9/28/2007	
79				\$2,309,857.00	10/19/2007	<del></del>
82			!	\$2,078,035.07	10/26/2007	
83				\$733,854.00	11/2/2007	
84				\$5,461,470.00	1/4/2008	
85				\$2,432,521.00	1/18/2008	
86				ΨΖ, ΨΖ, ΟΖ 1.00	1710/2000	\$63,321,600
88				\$5 772 400 00	2/22/2008	φ03,321,000
	***			\$5,772,499.00	212212008	

Page 13.1

# Table B-4 CONTRACT FUNDING

			FUNDING			
					Adequate	
Contract	Estimated	Award	Incentive	Total Cost	through	Contract
Mod	Cost	Fee	Fee	& Fee	date	Value
90				\$5,756,533.00	4/8/2008	
91				\$170,456.00	4/9/2008	
92				\$11,003,383.02	6/10/2008	
94				\$8,425,852.00	8/3/2008	
95				\$4,847,173.01	8/31/2008	
98				\$5,437,630.09	9/5/2008	
99						\$ 22,129,721
100				\$7,531,191.00	9/19/2008	
101				\$3,460,217.00	9/30/2008	
103				\$7,378,723.03	10/20/2008	
104				\$7,496,106.00	11/26/2008	
105				\$5,662,666.00	12/22/2008	
107				\$252,473.00	12/23/2008	
108				\$4,685,977.00	1/21/2009	\$ 67,267 <del>,11</del> 2
Total				\$249,843,507.87	1/21/2009	\$314,819,142

Page 13.2

ase Perio	od Task Order	Summary	Summary						
Task			Total Adjusted						
Order		ł .	Target Labor	Other Direct					
=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fe	
0001 C	Rev B	60 Day Transition Task Order							
0002	CY7 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$2,985	
0003 C	Basic	Corrosion Resistant Tubing						\$36	
0004 C	CY4 Basic	Applied Physics Infrastructure Support						\$114	
0005 C	CY5 Rev D	Corrosion Test-bed						\$1,325	
0006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$1,614	
0007 C	Rev B*	Hydrogen Peroxide Decomposition						\$54	
0008 C	Rev A	Galvanic Coatings for Protection of Concrete						\$31	
0009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$53	
0012 C	Rev B	Ionic Liquids						\$27	
0013 C	CY3 Rev B CY 2 Rev B	Corrosion Detection, Prediction and Prevention OTV Modernization						\$398 \$396	
0014 C	CY6 Rev C							\$2,128	
0015 0016 C	CY2 Basic	Communications Engineering Infrastructure Network Architecture & Routing Protocols						\$2,120	
0015 C	Basic	KSC LAN Documentation and User Guides						\$13	
0017 C	CY4 Rev B	Advanced Communications Development						\$1,040	
0019 C	CY4 Rev C	Fiber Optics Lab Projects						\$1,867	
0020	CY7 Basic	IT Systems & Security Technologies						\$2,695	
0020 0021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						\$124	
0021 C	Basic	Ultra Wideband (UWB) Commincation Technology						\$35	
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						\$42	
0023 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$4	
0025 C	Rev A	Halon Replacement						\$34	
0026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$386	
0028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$89	
0029 C	Basic	Payload Contamination Monitoring						\$37	
00030	CY7 Basic	Development of KSC Infrastructure Documentation						\$468	
00031	CY7 Basic	Miscellaneous Operations Support						\$493	
00032 C	CY4 Basic	Proof-of-Concept Support						\$1,141	
00033	CY7 Basic	LETF & Instrumentation O&M						\$8,20	
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$1,323	
00035 C	CY3 Basic	LOX Pump Qualification Testing						\$30	
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$453	
00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						\$1,461	
00039 C	Basic	PGHMA Enhancements and Technical Support						\$33	
00041 C	CY3 Rev B	Systems Engineering (NGLT)						\$1,246	
00042	CY7 Basic	Engineering Technical Services Support & CAD/CAE Support						\$2,592	
00043	CY7 Basic	Innovative Partnership Program Office Support						\$3,904	
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						\$15	
00045	CY7 Basic	Procedures						\$326	
00046	CY6 Rev. A	ISS Support Equipment Fabrication, Integration, and Testing						\$24	
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$102	
00049	CY7 Basic	LETF Shuttle Operations Testing Support						\$2,60	
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						\$119	
00051 C	CY6 Rev A	GSE Controls Integration						\$3,17	
00052	CY6 Rev B	Command and Control Laboratory Infrastructure						\$1,97	
00053 C	Basic	Upgrade Hypergol Flow Meters Support						\$1	
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$22	
00056 C	CY4 Rev B	Shuttle Transducer Development						\$83	
00057	CY7 Basic	Shuttle Transducer Obsolescence						\$3,15	
00058 C	CY2 Basic	In-Situ Pressure Calibration System						\$3	
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						\$20	
00060 C	Basic	Acoustic Scaling Methodologies						\$1	
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						\$11	
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$7	
00063	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$4,44	
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$26	
00070	CY7 Basic	SBIR/STTR Support						\$83	
00071 C	CY3 Rev B	LETF DOD Load Testing Support						\$57	
	CY2 Rev A	E-nose for ISS and EVA						\$7	
00074 C		Technical Documentation Database System						\$13	
00076 C	Basic	Laser Processing of Spaceport Materials						\$3	
00078 C	CY2 Basic	Capcitance Based Sensors						\$6-	

	ou task Order	Summery	Summery					
Task			Total Adjusted					
Order			Target Labor	Other Direct				
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
	CY3 Basic	NGLT Project Management Support						\$694.
	CY6 Rev A	Software Process Improvement Effort						\$616.
00081	CY7 Basic	MSBLS Flight Inspection System Support						\$752,
	CY2 Rev A	Flight Modern Project						\$203,
00083 00084	CY7 Basic	Electronics Infrastructure						\$937.
00085	CY7 Basic CY7 Basic	Range Infrastructure						\$1,398
00086	CY7 Basic	Weather Projects Support Autonomous Flight Safety System (AFSS)						\$146,
00087	CY7 Basic	Emerging Communication Technology (ECT)						\$1,390,
	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$2,739,
	CY2 Rev B	Intelligent Cable Tester						\$1,489
	CY3 Rev B	KCCS Infrastructure Conversion						\$196,
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$1,570,
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$3, \$1,110.
00093 C	CY2 Rev A	Airborne Particle Counting						\$131.
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$1,704.
	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$71.
	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$112,
	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$199.
00102	CY6 Rev C	Agency Security Update Service (ASUS)						\$1,563.
	Basic	Failsafe Jackscrew						\$25.
	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$25,
	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						\$286,
	Basic	WB TAU Certification for Flowliner						\$14,
	Basic Basic	Cryolab Oxygen Monitor						\$29.
	Basic	Fire Detection Evaluation						\$17.
	Rev A	Support Equipment Coating Study RWGS						\$1,
	CY4 Rev A	Minature Smart Leak Sensor						
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$338,
	Basic	Spaceport Processing System LPS Survivability Task						\$83,
	CY3 Rev B	KSC BTU Measurement System						\$39,
	CY2 Rev B	Development of Portable Hydrazine Detector						\$190,
	Rev B	STS-107 investigation Support		*				\$92, \$360.
	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$360, \$59.
0137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$55, \$41.
0140 C	CY2 Rev A	Thermal Insulation System Retrofit						\$165,
	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$875,
	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$153,
	Basic	Systems Engineering Tools Assessment						\$34,
	CY 2 Rev B	Mars Dust Partical Analyzer						\$40,
	CY 2 Rev B	EVM Support to YA						\$129,
	Rev A	ELV Lightning Detection Support						\$56,
	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$339,
0148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$87,9
0149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						6140
	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$110,6 \$75,6
	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$241,
	Basic	Long Distance Transfer Piping						\$8.
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$386.
		OTV System Modernization						\$40,
	CY7 Basic	LSP Instrumentation Support						\$103.
0156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$13,
	Basic	Seawater Immersion Facility Support						\$10,
	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$1,026,
	CY4 Rev B	Millimeter Wave Imaging Support						\$392,
	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$51,
	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$9.
	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$89.
	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$336,
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$52,
	CY2 Basic	RF Health Node						\$230,
		Hazardous Environment Equipment Upgrades						\$67,
		Project Mgt Support of ETDC Lab Consolidation Project						\$15,
	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$18,

Summary

Dugo i cin	ou Tuek Oluci	Summary	L		Su	immary		
Task Order			Total Adjusted Target Labor	Other Direct				
C=Closed	Revision	Title	Coets	Costs	Total Estimated Cost	Award Fee	Incontina Eco	Total Coat & for
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan	00015	COSIS	TOTAL CENTINATED COST	Awaru ree	Incentive Fee	Total Cost & fee
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$290,000
00173 C	CY2 Basic							<b>\$</b> 55, <b>00</b> 0
		LPS Operations and Maintenance Support						\$34,200
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$104,066
00176 C	CY2 Rev D	ISRU Quick Assessment						\$14,252
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)						\$15,832
00178 C	CY2 Rev A	Hyper Spill Detection System						\$41,109
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material						\$98,761
00180 C	CY2 Rev E	New Microencapsulated Membrane						\$82,174
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						\$199,900
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						\$72,342
00183 C	CY2 Basic	Vision Location System Research						\$69,880
00184 C	CY2 Rev A	LASER Repair Applications						\$10,540
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$81.044
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$84,666
00187	CY7 Basic	Hazardous Gas Detection Applications						\$3,591,329
00188 C	CY2 Rev A	Intelligent Algorithms						\$73,690
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$73,090 \$72,173
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$1,832,913
	CY2 Basic	Knowledge Management for Ground Processing						
	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						\$45,064
	CY4 Rev A	Return to Flight Ground Camera Project						\$483,851
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$2,771,082
00199 C	CY4 Rev A							\$560,916
00200 C	CY2 Rev A	Ground Processing Shop Aids and Tools						\$649,470
		Wind Flow Analysis of LaRC Wind Sensors						\$3,161
00201 C	CY4 Rev C	Launch System Testbed O&M						\$257,116
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$305,484
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$30,212
	CY2 Basic	Development of Acoustic Estimate Tool						\$22,500
	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						\$10,455
	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency						<b>\$74</b> ,507
	CY3 Rev C	Ablator Impact Testing						\$1,606,655
	CY3 Rev A	Wireless Networks and Sensors						\$53,784
00209 C	CY2 Rev B	ESS Wireless Network Installation						\$14, <b>86</b> 5
00210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$5,177,065
00211 C	CY2 Basic	System Administrator Certifications						<b>\$</b> 9,245
	CY4 Rev A	PCG2 System Support						\$261,140
	CY5 Rev D							\$70,686
	CY2 Rev A	HyTEX RF Health Node						\$26,486
	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$139,680
	CY5 Rev A	NAVAIR Coatings Study						\$79,188
00218 C	CY6 Rev A	ASTWG/ARTWG Conference Support						\$27,412
00219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$29,106
00220	CY7 Basic	Non-Governmental VCS's and Standards						\$189,249
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$248,440
	CY5 Rev A	NESC Technical Support						\$167,388
00223 C	CY2 Basic	Coriolis Flow Meter Testing						\$13,058
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$27,567
	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$22,254
00226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials						\$134,652
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						\$242,542
00229 C	CY4 Rev A	De-painting Technology for Structural Steel						\$100,964
00230 C	CY5 Basic	Polyurethane Replacement Coatings						\$250,843
	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$213,854
	CY4 Rev B	Self Validating Thermocouple System						
		*						\$114,476
00233 C	CY3 Rev C	Thermal Cnti Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$346,830
00234 C	CY2 Rev A	Environmental Monitoring Support						\$9,259
	CY3 Rev A	System Component Selection Tool Demonstration Project						\$65,048
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$18,000
00237 C	CY2 Rev A	Hypergolic Trigger Level Sensor						\$2,520
	CY3 Rev A	Debris Recognition Camera Image Analysis						\$365,747
00239 C	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$1,933,006
00240 C	CY2 Rev B	Bimettalic Emulsion for PCB Extraction						\$4,831
00241 C	CY4 Rev A	Boeing Space Station Support						\$9,084
	CY3 Rev A							\$77,757
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						\$73

		Summary	Summary						
Task			Total Adjusted						
Order			Target Labor	Other Direct					
=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fe	
247 C	CY3 Rev A	Construction and Demolition Debris Characterization						roun oost wife	
248 C 249 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$808	
250 C	CY3 Basic CY2 Rev A	Micro-Wireless Instrumentation System Inventory Support						\$12	
253 C	CY4 Rev A	Hydrazine Leak Detector Test for CALIPSO Chemical Vapor Detection Expertise							
254 C	CY4 Rev A	Analytical Instrumentation Expertise						\$147	
255 C	CY3 Rev E	Wire Insulation and Membrane Expertise						\$60	
256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$29	
257 C	CY5 Basic	Electrostatics and Surface Research						\$96 \$76	
258 C	CY5 Rev B	Environmental Remediation Expertise						\$32	
259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$1,34	
260 C 261 C	CY3 Rev A CY4 Basic	Thermal and Fluids Analysis Workshop Support Commodity-Free Calibration						\$3	
262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						\$143	
263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering						\$11	
264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						\$113	
265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$7	
267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$170	
268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$11: \$7:	
269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$2	
270 C	CY5 Rev. A	VAB Roof Remediation Support						\$2	
271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$3:	
272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$70	
273 C	CY4 Baseline	Cryogenic Applications of Shape Metal Alloy Technology						\$94	
274 C		Lanthanide Based Hydrogen Sensitive Coatings						\$29	
275	CY7 Basic	CTC Program Support						\$602	
	CY 4 Basic	SOLLO Installation Support						\$42	
	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$224	
279 C 280 C	CY5 Rev B CY3 Basic	KSC Network Device Registry System Wireless Sensor Networks						\$189	
281 C	CY3 Rev B	Advanced Cable Tester Development						\$99	
282 C	CY4 Rev A	RESOLVE						\$99	
283 C	CY3 Rev C	External Tank Infrared Radiation Heating						\$638	
284 C	CY3 Rev A	AVEMS CARTA 2005						\$384	
285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						\$30	
286 C		Lunar Regolith						\$80	
287 C	CY4 Rev B	Dust Particle Mitigation						\$43	
288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$91	
289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mir						\$40	
290 C	CY3 Basic	ESS Wireless Network Installation						\$9	
291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$54	
292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$92	
293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$25	
294 C	CY5 Basic	EZVI Materials testing						\$51	
	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$181	
	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$371	
297		OCE and SMO Technical Support						\$352	
298	CY6 Rev B	Complex 20 Cryogenic Engineering Support						\$271	
	CY3 Basic	VAB Siding Coatings Testing						\$20	
300 C	CY3 Basic	Black Powder Phenomena Study						\$33	
302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$9	
		Coatings Support for Exploration & Space Port Design						\$22	
	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$88	
	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						\$76	
		EVM Process Documentation NDE Support at Michoud						\$15	
		HLA for SGOS Research Activity						\$266	
		Independent Technical Authority Engineering Analysis Support						\$38	
311		Infrastructure						\$752	
		EVM Preparation						\$3,648	
		Near Field MSBLS Navset Development						\$79	
		Advance Materials for Aerospace Applications						\$130 \$182	
		Imaging Systems Support	\$					\$182	

lase Perio	od Task Order	Summary	Summery					
Task			Total Adjusted					
Order			Target Labor	Other Direct				
=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
0318 C	CY5 Rev A	Active Ice Mitigation Technologies						\$93,
0319 C	CY4 Rev A	Advance Technology Development Center Support						\$43,
0320 C	CY5 Rev A	KCCS Technology Update						\$424,
0321 C	CY4 Rev A	ESS Security						\$24,
0322	CY6 Rev A	Electrostatic Separation of Regolith						\$264,
0323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$25,
0325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$30,
		SETI Migration						\$17,
0327	CY7 Basic	Launch Site Quick Response Technical Support						\$1,341,
0328	CY7 Basic	NESC Technical Support						\$304,
		Shuttle Ground Equipment Obsolescence & Sustaining						\$185,
0330 C	CY4 Rev C	RTF Test Site Closeout						\$39,
0331 C	CY5 Rev F	Constellation Engineering Support						\$8,640,
	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$74,
0333	CY7 Basic	NASA AP2 Program Support						\$188,
0335	CY7 Basic	LETF Constellation Program Support						\$23,465,
0336 C	CY4 Rev A	IMU Simulator						\$45,
0338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						\$85
0339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development						08\$
0340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings						\$89 \$75
0341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems						
0342	CY7 Basic	Oxygen Production by Molten Salt						\$1,984
0343 0344	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$834 \$792
	CY7 Basic	Regolith Volatile Characterization Expertise						\$166
0345 C 0346 C	CY5 Rev C CY5 Rev A	Black Powder Coalescing Filter Testing Light Weight and Smart Materials for Exploration Applications						\$277
0347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$107
0348	CY7 Basic	IT Baseline Configuration Management Support						\$500
0349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$100
0350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						\$94
0351 C	CY5 Rev A	Solar Water Cracker						\$116
0351 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$115
0352 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$75
0354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$25
0355	CY7 Basic	Bimetalic Treatment System for PCB Removal						\$265
0356 C	CY5 Rev B	Lightning Protection System Design						\$373
0357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$29
0359	CY7 Basic	KT Directorate Engineering Technical Services Support						\$222
0360 C	CY4 Rev B	Lightning Monitoring System Support						\$30
0361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$189
0362	CY7 Basic	Laboratory Relocation to SLSL						\$299
0363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$493
0364 C	CY5 Rev C	Bird Abatement						\$376
0365	CY7 Basic	NASA-STD-5008A Revision Support						\$140
0366	CY7 Basic	Operational Imaging Support						\$689
0367	CY7 Basic	Consumables Transfer Technology Development Project						\$778
0368	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants						\$156
0369	CY6 Rev B	Command, Control & Communication Development (CxP)						\$9,041
0370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$3,854
0371 C		Validation of CFD Analysis w LDV Test Data						\$60
0372	CY7 Basic	Shuttle Transition and Retirement						\$1,037
0373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$189
0374 C	CY5 Rev A	3-D Scene Analysis						\$36
0375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$51
0376 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						\$32
0377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						\$121
0378	CY7 Basic	Specifications and Standards - CxP						\$1,36
0379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$1,030
0380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$1,429
0381 C	CY6 Rev B	Safety and Mission Assurance CxP Support						\$1,066
0381 0	CY6 Rev C	Constellation Business Management						\$7,74
いいひと		Architecture of a Lunar Instrument						\$7,745 \$26
0383 C	CY5 Rev B							

Base Perio	od Task Order	Summary	Summary					
Task Order		· · · · · · · · · · · · · · · · · · ·	Total Adjusted Target Labor Other Direct					
C=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
00385	CY6 Rev C	Constellation Project Configuration Management						\$2,827,627
00386	CY7 Basic	Command and Control ARES						\$954,644
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$42,847
00388	CY6 Rev A	Launch Coating Operations Support						\$36,535
00389		CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$10,806,581
00390 C		ARES I-1 Pull-Off Umbillical Testing Preparations						\$1,054
00392	CY7 Basic	VAB High Bay Modification						\$2,490,420
00393	CY6 Basic	LCC Firing Room #1 Modification						\$492,664
00394	CY7 Basic	Hangar AF Modification						\$1,354,117
00395 C	CY5 Rev. A	Ares I-1 Pad B Integration						\$66,879
00396 00397	CY7 Basic CY7 Basic	Constellation LC-39B Integration Eval of Lunar Soil Excavation and Handling Concepts						\$1,225,200 \$201,672
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$1,130,333
00399	CY6 Basic	Window Defect Inspection Device						\$377,331
00400	CY7 Basic	USTDC Design and Development Support						\$3,231,695
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$68,156
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$91,660
00403	CY6 Basic	LSE Communications System Support						\$416,236
00405 C	CY6 Rev A	Application of Dust Screen Electrodes						\$81,848
00406 C	CY5 Rev. A							\$94,014
00407 C	CY5 Rev. A	Impregnation of Lunar Simulant with SEZVI						\$3,028
00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						\$0
00409	CY7 Basic	O2 Production System Modeling						\$235,201
00410	CY7 Basic	Integration Support to Const (CxP) Ground Syst Development						\$5,634,474
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support						\$9,330
00412	CY6 Rev H	Dust Mitigation						\$1,469,830
00415	CY6 Rev A	NASA Consolidation of Active Directory Support						\$176,377
00416 C	CY6 Rev A	Coatings Support						\$37,177
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$186,934
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$71,065
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis						\$47,577
00421	CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP						\$1,604,586
00422	CY6 Rev B	Non-Destructive Evaluation Technologies Development						\$241,289
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$7,751,183
00424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$251,164
00425 00426	CY6 Rev D CY7 Basic	CLV ML Fluid Systems Electrical and Control & Data Division EDL Lab Support						\$11,117,180 \$4,140,726
00426	CY/ Basic CY6 Basic	Solar Thermo Molecular Sieve H2/O2 Production						\$4,140,726 \$100,001
00427 00428 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$85,083
00428 0	CY7 Basic	Data Presentation and Visualization						\$1,848,277
00429	CY6 Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$44,649
00430 00431 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$83,320
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$95,165
00432 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology						\$80,459
00435 C	CY6 Rev A	AR7 Coating Replacement						\$94,711
00436 C	CY6 Rev A	Polyimide Based Powder Coatings						\$61,303
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						\$26,506
00438 C	CY6 Rev A	IR Leak Visualization						\$90,407
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$20,718
00440	CY7 Basic	IPP Ground Operations Health Management						\$156,580
00441	CY7 Basic	IPP Self-Healing Wiring						\$131,840
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript						\$20,029
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						\$95,021
00444	CY7 Basic	IPP Nanosensors						\$147,631
00445	CY7 Basic	White Light Interferometric Depth Gage						\$200,912
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$20,952
00447	CY7 Basic	Hypergol Detection						\$126,131
00448	CY6 Basic	PC Based Command & Telemetry Workstation						\$225,347
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System						\$50,413
00450	CY7 Basic	CTC Equipment Obsolescence Implementation						\$1,230,955
[00430								
00451 C	CY5 Rev B	Experimental Imaging Lab Infrastructure						\$66,261
	CY5 Rev B CY7 Basic	Experimental Imaging Lab Infrastructure  ML Electrical Sys. Supp. for Constellation Ground Sys.						\$66,261 \$12,453,901 \$129,654

Total   Control   Contro	Base Period Task Order Summary			Summery						
				Total Adjusted						
DATE   C   VS   Rev   C   Number   Service					Other Direct					
DATE   CYS Rev				Costs	Costs	Total Estimated Cost	Award Fee	incentive Fee	Total Cost & fee	
CY7   Basic   CY7   Basic										
DATE   DATE   Employment   DATE   Employment   DATE   DA									\$241,573	
1945   C77   Basic   TERM and AFRIC Propries Support   \$1,00,000									\$5,177,038	
1945   1978   2014   1978									\$201,286	
0.77   Battle										
1944   1975										
1946   1978 Park   7	00464 C									
2046   CYP Rew A   2042   Properties of Lunar Soli Encoine   \$38,400   \$39										
1946   1976   1974   1974   1975   1974   1975   1974   1975		CY6 Rev A								
1946   CYF Basic			· · · · · · · · · · · · · · · · · · ·							
1945   195	1									
1971   1972   1973   1974   1975									\$429,712	
DAT   C   C   P   E   E   D   Army Vehicle Coating Suby   Septembry   Septem									\$100,808	
19.171										
0.77 Egest         CVF Basic         CVG Delacid         SSC Phytrogen Dependent Station         \$35,304           0.977 C         CVF Basic         Corroll calls         529,208           0.978 C         CVF Basic         Corroll calls         529,208           0.979 C         CVF Basic         Corroll calls         529,208           0.946 C         CVF Basic         System(s) PLEAS         \$33,304           0.945 C         CVF Basic         System(s) PLEAS         \$33,304           0.945 C         CVF Basic         System(s) PLEAS         \$33,304           0.945 C         CVF Basic         System(s) PLEAS         \$35,304           0.945 C         CVF Basic         CVF Basic         System(s) PLEAS         \$33,304           0.945 C         CVF Basic         ATX Replacement Support         \$33,304           0.945 C         CVF Basic         System(s) Pleas         System(s) Pleas         \$33,304           0.946 C         CVF Basic         System(s) Pleas         System(s) Pleas         System(s) Pleas         \$33,304           0.946 C         CVF Basic         System(s) Pleas         System(s) Pleas<										
DATE   C   CFR   FR   FR   C   Cytopenic Test Lab   Operational Support Initiatives   S41,345										
	00479 C	CY6 Rev B								
1948   1948	00480	CY7 Basic								
	00481	CY7 Basic	ISRU Beneficiation							
00485         CYS Rev B         ATXS Replacement Support         \$303.5391           00485         CYS Rev B         ATXS Replacement Support         \$5,893.898           00485         CYS Rev B         SAMA Products for CrP Subsystem Development         \$6,893.898           00465         CYS Best B         SAMA Products for CrP Subsystem Development         \$31,989           00468         CYS Rev B         Support         \$130,901           00468         CYS Rev B         Support         \$130,901           00469         CYP Basic         CyS Rev B         Support         \$130,901           00469         CYP Basic         CyS Rev B         Support         \$170,702           00490         CYP Basic         CyS Rev B         Support         \$170,703           00491         CYP Basic         CyS Rev B         Support         \$170,702           00492         CYS Basic         CyS Rev B         Support         \$111,284           00493         CYP Basic         Support           00495         CYP Basic         CYP Basic         CYP Basic         CYP Basic         CYP Basic         CYP Basic         Support		CY7 Basic	Heatshield Adapter							
100485   CYF Besic   ARL Costings and Corrosion Research   \$37,468   \$6,993,189			ATXS Replacement Support							
DAME   CYT Besic   Design Engineering Handbook   SS23,877   SS23										
DAME   CYF Besic   Shuttle Lighthing Instrumentation Support   Sail.989									\$6,693,669	
									\$632,877	
Dodd									\$31,969	
DAMES   CYT Basic   Chilled Gaseous Helium Evaluation and Cemo   \$111,284     DAMES   CYT Basic   Infrared Camera-Based Fire Detection   \$49,440     DAMES   CYT Basic   Cyt Basic   Pasic   Pasic     DAMES   CYT Basic   Pasic   Pasic     DAMES   CYT Basic   Pasic     DAMES   CYT Basic   Pasic     DAMES   CYT Basic   Pasic     DAMES   CYT Basic     D										
00492         CY6 Basic         Infrared Camera-Based Fire Detection         \$19,40           00493         CY7 Basic         Remote Measurements of Glass Defects         \$30,831           00494         CY7 Basic         ISRU Systems Demo - ROXYGEN         \$327,595           00495         CY7 Basic         CNT Ink for Dust Mitigation         \$327,595           00497         CY7 Basic         CNT Ink for Dust Mitigation         \$125,332           00498         CY7 Basic         CNT Ink for Dust Mitigation         \$136,620           00499         CY7 Basic         S&MA Analysis for the Constellation Ground Syst/Elements         \$186,620           00500         CY7 Basic         CSW Sarvice Module Laskage Flow Sensor         \$143,946           00501         CY7 Basic         CV7 Basic         Software Process Improvement         \$312,783           00502         CY7 Basic         CV7 Basic         Software Process Improvement         \$312,783           00502         CY7 Basic         Software Process Improvement         \$312,783           00503         CY7 Basic         Software Process Improvement         \$312,783           00505         CY7 Basic         Non-Hazardous Hydrazine Neutralization         \$31,793           00505         CY7 Basic         Software Process Improvement </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
0.0494   C.Y7   Basic   C.Y7   Bas										
OAU-95   C-YT Basic   C-YT Ba	00494	CY7 Basic	PELT Sensor - Phase 2							
	00495	CY7 Basic	ISRU Systems Demo - ROXYGEN							
00457   CY7 Basic   CY6 Rev A   00459   CY7 Basic		CY7 Basic	CNT ink for Dust Mitigation							
0049 C Y7 Basic         S&MA Analysis for the Constellation Ground Syx/Elements         \$186,620           00499 CY7 Basic         Electro-Magnetically Actuated Ball Valve Development         \$72,004           00501 CY7 Basic         Software Process Improvement         \$143,948           00502 CY7 Basic         Software Process Improvement         \$312,768           00503 C OY6 Rev A         Non-Hazardous Hydrazine Neutralization         \$25,153           00504 CY7 Basic         Cry Basic CY7 Basic         Cry Basic Cy7 Basic Cy		CY7 Basic	LX-C & UB Special Spt for CxP							
00459         CY7 Basic         Electro-Magnetically Actuated Ball Valve Development         \$72,004           00500         CY7 Basic         CEV Service Module Leakage Flow Sensor         \$312,783           00501         CY7 Basic         Software Process improvement         \$312,783           00502         CY7 Basic         Software Process improvement         \$44,255           00503         CY7 Basic         Non-Hazardous Hydrazine Neutralization         \$25,153           00504         CY7 Basic         Cy7 Basic         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00505         CY7 Basic         GMSSL Infrastructure Support         \$197,930           00506         CY7 Basic         GMSSL Infrastructure Support         \$19,930           00507         CY7 Basic         GMSSL Infrastructure Support         \$21,000           00510         CY7 Basic         GMSSL Infrastructure Support         \$21,000           00511         CY7 Basic         Spacecraft Processing Element (SPE) Electrical Support         \$34,575           00512         CY6 Rev D         NAVAIR Support for Non-Chrome Coatings         \$34,775           00513         CY7 Basic         Online Wiring Diagnostics         Development of Smart, Environmentally Friendly Coating         \$60,404           00										
00501         CY7 Basic         Software Process Improvement         \$312,783           00502         CY7 Basic         Software Process Improvement         \$312,783           00503         CY6 Rev A         Non-Hazardous Hydrazine Neutralization         \$25,153           00504         CY7 Basic         CY7 Basic CY7 Basic Process Improvement         \$197,930           00505         CY7 Basic CY7 Basic Process Improvement         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00509         CY7 Basic Process Improvement         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00509         CY7 Basic Process Improvement         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00509         CY7 Basic Process Improvement         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00500         CY7 Basic Process Improvement         Sintering Methods for Building a Lunar Launch Pad         \$197,930           00510         CY7 Basic Process Improvement         Spacecraft Processing Element (SPE) Electrical Support         \$14,055           00511         CY7 Basic Process Improvement         Spacecraft Processing Element (SPE) Electrical Support         \$14,055           00512         CY6 Rev D         NAVAIR Support for Non-Chrome Coatings         \$14,055           <										
00502         CY7 Basic         Physics Concepts Support         \$44,255           00503         C V76 Basic         Cy70 A Fluids Technology Focus Areas Support         \$25,153           00505         CY7 Basic         Cy70 A Fluids Technology Focus Areas Support         \$197,930           00507         CY6 Basic         Sintering Methods for Building a Lunar Launch Pad         \$75,900           00508         CY7 Basic         GMSSL Infrastructure Support         \$31,932           00509         CY7 Basic         Spacecraft Processing Element (SPE) Electrical Support         \$24,255           00510         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$34,575           00512         CY6 Rev D         Online Wifning Diagnostics         \$60,000           00513         CY7 Basic         Online Wifning Diagnostics         Development of Smart, Environmentally Friendly Coating         \$60,000           00515         CY7 Basic         Development using Shape Memory Alloy Tech.         In-Situ Phosphatization for KSC Coatings and Corroston Prev.         \$83,303           00524         CY7 Basic         NASA Materials Science WCSP/MCSD Server Sys. Admin.         \$77,472           00525         CY7 Basic         NASA Materials Science WCSP/MCSD Server Sys. Admin.         \$77,472									\$143,946	
00503 C   CY6 Rev A   Non-Hazardous Hydrazine Neutralization   \$25,153									• • • • • • • • • • • • • • • • • • • •	
00504         CY7 Basic         Cry & Fluids Technology Focus Areas Support         \$157,930           00505         CY7 Basic         Sintering Methods for Building a Lunar Launch Pad         \$75,807           00507         CY6 Basic         GMSSL Infrastructure Support         \$21,932           00508         CY7 Basic         GMSSL Infrastructure Support         \$22,140           00510         CY7 Basic         Space-craft Processing Element (SPE) Electrical Support         \$24,575           00511         CY7 Basic         New Materials for Structural Composites and Conductive Coat         \$34,575           00512         CY6 Rev D         Online Wiring Diagnostics         \$47,715           00513         CY7 Basic         Online Wiring Diagnostics         \$60,436           00514         CY6 Rev C         Online Wiring Diagnostics         \$60,436           00515         CY7 Basic         Online Wiring Diagnostics         \$60,436           00514         CY6 Rev C         Orline Wiring Diagnostics         \$60,436           00515         CY7 Basic         Thermal Switch Development using Shape Memory Alloy Tech.         In-Situ Phosphatization for KSC Coatings and Corresion Prev.           00522         CY7 Basic         Composite Conductors for Cliphthing Strike Militageton         \$83,303           00525										
00505         CY7 Basic         Sintering Methods for Building a Lunar Launch Pad         \$15,800           00507         CY6 Basic         GMSSL Infrastructure Support         \$31,932           00509         CY7 Basic         GMSSL Infrastructure Support         \$21,405,338           00510         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$34,575           00512         CY6 Rev D         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$47,715           00513         CY7 Basic         CY7 Basic         Cnline Wiring Diagnostics         Development of Smart, Environmentally Friendly Coating         \$5,815           00515         CY7 Basic         CY7 Basic         Development of Smart, Environmentally Friendly Coating         \$100,004           00515         CY7 Basic         Thermal Switch Development using Shape Memory Alloy Tech.         1n-Situ Phosphatization for KSC Coatings and Corrosion Prev.         \$83,303           00524         CY7 Basic         NASA Materials Science WCSP/MCSD Server Sys. Admin.         \$77,572           00525         CY7 Basic         NASA Materials Science WCSP/MCSD Server Sys. Admin.         \$77,572           00525         CY7 Basic         NASA Materials Science WCSP/MCSD Server Sys. Admin.         \$77,572										
00507         CY6 Basic         Hellum Sensing & Purge Gas Reclamation         \$31,932           00508         CY7 Basic         GMSSL Infrastructure Support         \$62,160           00510         CY7 Basic         Spacecraft Processing Element (SPE) Electrical Support         \$1,405,387           00511         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$47,715           00512         CY6 Rev D         Online Wiring Diagnostics         \$60,436           00514         C Y7 Basic         Online Wiring Diagnostics         \$60,436           00515         CY7 Basic         Mechanical Systems Dust Assessment         \$10,004           00521         CY7 Basic         Mechanical Systems Dust Assessment         \$5,815           00521         CY7 Basic         Composite Conductors for ICSC Coatings and Corresion Prev.         \$33,303           00522         CY7 Basic         Composite Conductors for ICIphring Strike Mitigation         \$35,214           00524         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,527           00525         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,527           00526         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,527									•	
00508         CY7 Basic         GMSSL Infrastructure Support         \$82,190           00509         CY7 Basic         Spacecraft Processing Element (SPE) Electrical Support         \$1,405,387           00510         CY7 Basic         Kew Materials for Structural Composites and Conductive Coat         \$34,575           00511         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$44,715           00514         CY6 Rev D         Online Wiring Diagnostics         S60,436           00514         CY6 Rev C         Online Wiring Diagnostics         \$60,436           00515         CY7 Basic         Mechanical Systems Dust Assessment         Thermal Switch Development using Shape Memory Alloy Tech.         In-Situ Phosphatization for KSC Coatings and Corresion Prev.         \$83,303           00524         CY6 Rev C         Composite Conductors for Conductors										
00509         CY7 Basic         Spacecraft Processing Element (SPE) Electrical Support         \$1,405,387           00510         CY7 Basic         New Materials for Structural Composites and Conductive Coat         \$34,575           00512         CY6 Rev D         NAVAIR Support for Non-Chrome Coatings         \$47,715           00513         CY7 Basic         Online Wiring Diagnostics         \$60,436           00514         CY6 Rev D         Development of Smart, Environmentally Friendly Coating         \$100,004           00515         CY7 Basic         Mechanical Systems Dust Assessment         \$120,084           00524         CY7 Basic         Thermal Switch Development using Shape Memory Alloy Tech.         In-Situ Phosphatization for KSC Coatings and Corresion Prev.         \$83,303           00524         CY6 Rev C         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,572           00525         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$84,405           00525         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$87,515           00526         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$87,757										
00510         CY7 Basic         New Materials for Structural Composites and Conductive Coat         \$34,575           00511         CY7 Basic         NAVAIR Support for Non-Chrome Coatings         \$47,715           00512         CY6 Rev D         Online Wrining Diagnostics         \$60,436           00514 C         CY6 Rev C         Development of Smart, Environmentally Friendly Coating         \$50,436           00515 C         CY7 Basic         Development of Smart, Environmentally Friendly Coating         \$5,816           00521 C         CY7 Basic         Mechanical Systems Dust Assessment         \$5,816           00522 C         CY7 Basic         Composite Conductors for Lightning Strike Mitigation         \$33,303           00524 C         CY6 Rev A         Composite Conductors for Lightning Strike Mitigation         \$32,457           00525 C         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,752           00526 C         CY7 Basic         NASA Materials Science WCSP/WCSD Server Sys. Admin.         \$77,752										
00511										
Online Wiring Diagnostics   Se0,436		CY7 Basic								
00513   CY7 Basic   Development of Smart, Environmentally Friendly Coating   \$100,004										
100514 C CY6 Flav C   100515 CY7 Basic   100521 CY7 Basic   100522 CY7 Basic   100524 CY6 Flav A   100525 CY7 Basic   100525 CY7 Basic   100525 CY7 Basic   100526										
USD 15									-	
00521   CY7 Basic   In-Situ Phosphatization for KSC Coatings and Corresion Prev.   \$83,303										
100522 C77 Basic Conductors for Lightning Strike Mitigation \$25,214  00524 CY6 Rev A NASA Materials Science WCSP/WCSD Server Sys. Admin. \$77,572  00525 CY7 Basic C77 Basic NASA Materials Science WCSP/WCSD Server Sys. Admin. \$77,572  00526 CY7 Basic Non-Destructive Evaluation of Lines Surgeous III Hardways \$84,463										
00525 CY7 Basic Photonic Bandgap (PBG) Shielding Technology Phase II St4.463										
00526 CY7 Basic Non-Destructive Fugluation of Lunar Surveyor III Hamberry								1		
\$85,294										
									\$85,294	

Base Perio	ase Period Task Order Summary				Su Su	mmery		
Task			Total Adjusted		-			
Order			Target Labor	Other Direct				
C=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee
0527	CY7 Basic	NASA Engineering (NE) Information Security Protection						\$1,198
0528	CY7 Basic	Parallel Cryogenic Pumping Capability						\$80
0529	CY7 Basic	Magneticalty Coupled Seal-Less Cryogenic Pump						\$80
0531	CY6 Rev B	Integrated Ground Systems Diagnostics						\$166
0532	CY6 Rev A	Flow Detection System for WCCS						\$81
0533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						\$81
0534	CY7 Basic	Cryogen Storage in Aerogel Composites						\$75
0535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$50
0536	CY7 Basic	Mars Architecture Team (MAT) Study						\$15
0537	CY6 Basic	Crawlerway Foundation Study						\$13
0538	CY6 Rev A	PAD 39B CLV LH2						\$471
0539	CY7 Basic	NDE Techniques for Monitoring Fairings						\$37
0540	CY7 Basic	Aerocoat AR-7						\$55
0541	CY6 Rev A	Orion SPE Fluid Systems						\$1,704
0542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$290
0543	CY7 Basic	LSP Facilities Project Management Support						\$148
0544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$20
0546	CY6 Basic	Software Development for Rapid Propellant Loading						\$514
0547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$1,500
0548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$480
0549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						\$330
0550	CY7 Basic	LETF Constellation Test Support						\$49
0551	CY6 Basic	Coastal Radar Video Surveillance System Installation						\$715
0552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						\$1,628
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						\$52
0557	CY7 Basic	ESTCP Coating Test						\$1,961
0558	CY7 Basic	Dust Mitigation for Solar Panels						\$15
00559	CY6 Basic							\$102
)0560	CY7 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						\$51
		MPPF Upgrade CxP Project Support						\$215
0561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						\$54
0562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						\$107
0563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						\$73
0572	CY7 Basic	Propellant Conditioning						\$31
0573	CY7 Basic	Constellation Logistics Support Analysis						\$3,464
0574	CY7 Basic	VIE Handling and Access GSE Design						\$2,450
0575	CY7 Basic	IT Communications System Support						\$354
0576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						\$53
00577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						\$518
0578	CY7 Basic	ISS and Spacecraft Processing Support						\$607
0579	CY7 Basic	Process Management Support for Crew Launch Vehicle						\$522
0581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$504
0584	CY6 Basic	System Maintenance Engineering Support for TA						\$219
0585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$144
0586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$80
0587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						\$449
		TOTAL						\$319,687
		ADJUSTMENT TO ACTUALS						-\$4,86
			Contract Value					\$314,81

Base Perio	d Task Order	Summery	CY 01					
Task		·	Total Adjusted Total					
Order			Target Labor		Estimated		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan						\$103,423 \$30,000
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$11,718
00173 C	CY2 Basic	LPS Operations and Maintenance Support						\$11,710
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$6,515
00176 C	CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)						\$0
00177 C	CY2 Rev A	Hyper Spill Detection System	so	SO	S	0 50	\$0	\$0
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material	\$0	\$0	\$	0 \$0	\$0	\$0
DD180 C	CY2 Rev E	New Microencapsulated Membrane	\$0		\$		\$0	\$0
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)	\$0		\$		\$0	\$0
001 82 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems	\$0		\$		\$0	\$0
00183 C	CY2 Basic	Vision Location System Research	\$0		\$		\$0	\$0
00184 C	CY2 Rev A	LASER Repair Applications	\$0		\$		\$0	\$0
001 85 C	CY2 Rev B	Electro-Optic Electric Field Measurements	\$0		\$ \$		\$0 \$0	\$0 \$0
00186 C	CY2 Rev B	Application of AGDP to after Surface Properties of Materials	\$0 \$0		\$		\$0 \$0	
00187	CY7 Basic	Hazardous Gas Detection Applications	\$C		Š		\$0	
00188 C	CY2 Rev A	Intelligent Algorithms	\$0		Š		\$0	
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete Development Systems Support for SPS Development Lab	\$0		Š		\$0	
00190	CY7 Basic CY2 Basic	Knowledge Management for Ground Processing	\$0			0 \$0	\$0	
00193 C 00194 C	CY3 Rev C	Impact Penetration Sensor System for RC & Ligoo Tile	\$0			0 \$0	\$0	
00194 C	CY4 Rev A	Return to Flight Ground Camera Project	\$0			0 \$0	\$0	
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise	\$0			0 \$0	\$0	\$0
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools	\$0	\$0	\$	O \$0	\$0	
00500 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors	\$0	\$0		iO \$0	\$0	
00201 C	CY4 Rev C	Launch System Testbed O&M	\$0	\$0	5	iO \$0	\$0	
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings	\$0			SO · \$0	\$0	
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System	\$0			so <b>s</b> o	\$0	
00204 C	CY2 Basic	Development of Acoustic Estimate Tool	\$0			so <b>\$</b> 0	\$0	
00205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed	\$0			\$0 \$0	\$0	
00206 C	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Relardency	\$0			\$0 \$0	\$0	
00207 C	CY3 Rev C	Ablator Impact Testing	\$0			so so	\$0	
00208 C	CY3 Rev A	Wireless Networks and Sensors	\$( \$(			SO \$0 SO \$0	\$0 \$0	
00209 C	CY2 Rev B	ESS Wireless Network Installation	. \$(			10 \$0 10 \$0	\$0	
00210 C	CY4 Rev A	Constellation Project Management & System Engineering System Administrator Certifications	· 50			SO \$0	\$0	
00211 C 00212 C	CY2 Basic CY4 Rev A		\$6			SO \$0	\$0	
00212 C	CY5 Rev D		Sc			\$0 \$0	\$0	
00215 C	CY2 Rev A		\$(			\$0 \$0	\$0	
00216 C	CY3 Rev B		\$(			\$0 \$0	\$0	\$0
00217 C	CY5 Rev A	NAVAIR Coatings Study	\$6	0 \$0		\$0 \$0	. \$0	\$0
00218 C	CY6 Rev A		\$6			\$0 \$0	\$0	
00219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation	\$1			\$0 \$0		
00220	CY7 Basic	Non-Governmental VCS's and Standards	\$4			\$0 \$0		
00221 C	CY3 Rev A		Ş			\$0 \$0		
00222 C	CY5 Rev A		\$			\$0 \$0		
00223 C	CY2 Basic	Coriolis Flow Meter Testing	Ş			<b>\$0 \$</b> 0		
00224 C	CY3 Rev B		\$ \$			\$O \$0 \$O \$0		
00225 C	CY3 Rev B		\$			sO \$0		
00226 C	CY4 Rev B CY3 Rev B		\$			\$0 \$0		
00228 C 00229 C	CY4 Rev A		Š			SO SO		
00229 C	CY5 Basic	Polyurethane Replacement Coatings	Š			\$O \$0		
00230 C	CY4 Rev A		Š			so so		
00232 C	CY4 Rev B		Š			\$0 \$0		
00233 C	CY3 Rev C	- · · · · · · · · · · · · · · · · · · ·	s			\$0 \$0	-	
00233 C			Š			\$0 \$0		
00235 C			Š			\$0 \$0		
00236 C		Advanced Eng Environment: Collaborative Tools & Need Baseline	š			\$0 \$0		
00237 C			Š			\$0 \$0		
00238 C			\$	0 \$0	) :	\$0 \$0	\$1	
00239 C			\$			<b>\$0 \$</b> 0		
00240 C	CY2 Rev B		\$			<b>\$0 \$</b> 0		
00241 C	CY4 Rev A		\$			so so		
00242 C	CY3 Rev A		\$			\$0 \$0		
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Heating Technology Development	\$	0 \$0	,	\$0 \$0	\$0	\$0

Base Peri	Sase Period Task Order Summary							
Task			Total Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00247 C	CY3 Rev A	Construction and Demolition Debris Characterization	\$0	\$0	\$0	\$0	\$0	sc sc
00248 C 00249 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation	\$0	\$0	\$0	\$0	\$0	\$0
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support	\$0	\$0	\$0	\$0	\$0	\$0
00253 C	CY2 Rev A CY4 Rev A	Hydrazine Leak Detector Test for CALIPSO	\$0	\$0	\$0	\$0	\$0	\$0
00254 C	CY4 Rev A	Chemical Vapor Detection Expertise	\$0	\$0	\$0	\$0	\$0	\$0
00255 C	CY3 Rev E	Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise	\$0	\$0	\$0	\$0	\$0	\$0
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0
00257 C	CY5 Basic	Electrostatics and Surface Research	\$0	\$0	\$0	\$0	\$0	\$0
00258 C	CY5 Rev B	Environmental Remediation Expertise	\$0 \$0	\$0	\$0	\$0	\$0	\$0
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing	\$0 \$0	\$0	\$0	\$0	\$0	\$0
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00261 C	CY4 Basic	Commodity-Free Calibration	\$0	\$0	\$0 \$0	\$0	\$0	\$0
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering	\$0	\$0	\$0	\$0 \$0	\$0	\$0
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft	\$0	\$0	\$0 \$0	\$0		\$0
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections	\$0	\$0	\$0	\$0 \$0	\$0	\$0
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support	\$0	\$0	\$0 \$0	\$0 \$0	*-	\$0
00270 C	CY5 Rev. A	VAB Roof Remediation Support	\$0	\$0	\$0		\$0	\$0
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor	\$0	\$0	\$0	\$0	\$0	\$0
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device	\$0	\$0	\$0	\$0	\$0	\$0
00273 C		e Cryogenic Applications of Shape Metal Alloy Technology	\$0	\$0 \$0		\$0	\$0	\$0
00274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00275	CY7 Basic	CTC Program Support	\$0 \$0		\$0	\$0	\$0	\$0
I .	CY 4 Basic	SOLLO Installation Support	\$0	\$0	\$0	\$0	\$0	\$0
•	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project		\$0	\$0	\$0	\$0	\$0
1	CY5 Rev B	KSC Network Device Registry System	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	Wireless Sensor Networks	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev B	Advanced Cable Tester Development	\$0	\$0	\$0	\$0	\$0	\$0
		RESOLVE	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev C	External Tank Infrared Radiation Heating	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev A	AVEMS CARTA 2005	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev A	Lunar Regolith	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B		\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	Dust Particle Mitigation	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	ISHM Testbed and Prototypes	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	Advance Functional Test of Goembel Instrument Spacecraft Charge Mir	\$0	\$0	\$0	\$0	\$0	\$0
		ESS Wireless Network Installation						
	CY3 Basic	Nano-Tube H2 Gas Sensor	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	Signal Conditioning for Nan Sensors	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev C	Hex Chrome Alternative Coating Testing	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	EZVI Materials testing	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev A	Equipment Obsolescence Prioritites for CTC	\$0	\$0	\$0	\$0	\$0	\$0
	CY6 Rev B	Chemochromic Hydrogen Detection Expertise	\$0	\$0	\$0	\$0	\$0	\$0
		OCE and SMO Technical Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY6 Rev B	Complex 20 Cryogenic Engineering Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	VAB Siding Coatings Testing	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	Black Powder Phenomena Study	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev. B	Coatings Support for Exploration & Space Port Design	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	EVM Process Documentation	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev A	NDE Support at Michoud	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Basic	HLA for SGOS Research Activity	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev E	Independent Technical Authority Engineering Analysis Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY7 Basic	Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev F	EVM Preparation	. \$0	\$0	\$0	\$0	\$0 \$0	- \$0
00314 C	CY4 Rev A	Near Field MSBLS Navset Development	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0
					90	- J		
	CY5 Rev C	Advance Materials for Aerospace Applications	\$0	\$0	\$0	\$0	\$0	! so

	Task		
	Order		•
	C=Closed	Revision	Title
	00318 C	CY5 Rev A	Active Ice Mitigation Technologies
1	00319 C	CY4 Rev A	Advance Technology Development Center Support
	00320 C	CY5 Rev A	KCCS Technology Update
	00321 C	CY4 Rev A	ESS Security
	00322	CY6 Rev A	Electrostatic Separation of Regolith
	00323 C 00325 C	CY4 Basic CY5 Rev A	Study of Mobile Helium Conversion System Evaluation of USMC Hatch Covers
	00325 C	CY4 Rev D	SET! Migration
	00327	CY7 Basic	Launch Site Quick Response Technical Support
	00328	CY7 Basic	NESC Technical Support
	00329 C		Shuttle Ground Equipment Obsolescence & Sustaining
	00330 C	CY4 Rev C	RTF Test Site Closeout
	00331 C	CY5 Rev F	Constellation Engineering Support
	00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis
	00333	CY7 Basic	NASA AP2 Program Support
	00335	CY7 Basic	LETF Constellation Program Support
	00336 C	CY4 Rev A	IMU Simulator
	00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
	00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development High Performance Polyimide Based Powder Coatings
	00340 C 00341 C	CY5 Rev C	Electrostatic Filtration of GN2 Systems
	00341	CY7 Basic	Oxygen Production by Molten Salt
	00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise
	00344	CY7 Basic	Regolith Volatile Characterization Expertise
	00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
	00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
	00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology
	00348	CY7 Basic	IT Baseline Configuration Management Support
	00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node
	00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller
	00351 C		, Solar Water Cracker
	00352 C	CY5 Rev A CY5 Rev B	NASA IT-C Project Management and Systems Engineering NDE Super Problem Resolution Team Support
	00353 C 00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery
	00355	CY7 Basic	Bimetalic Treatment System for PCB Removal
	00356 C	CY5 Rev B	Lightning Protection System Design
	00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication
	00359	CY7 Basic	KT Directorate Engineering Technical Services Support
	00360 C	CY4 Rev B	Lightning Monitoring System Support
	00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
	00362	CY7 Basic	Laboratory Relocation to SLSL
	00363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project
	00364 C	CY5 Rev C CY7 Basic	Bird Abatement NASA-STD-5008A Revision Support
	00365	CY7 Basic	Operational Imaging Support
	00367	CY7 Basic	Consumables Transfer Technology Development Project
	00368	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants
	00369	CY6 Rev B	Command, Control & Communication Development (CxP)
	00370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)
	00371 C	CY5 Rev. E	Nalidation of CFD Analysis w/LDV Test Data
	00372	CY7 Basic	Shuttle Transition and Retirement
	00373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base
	00374 C	CY5 Rev A	3-D Scene Analysis
	00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & PL Processing (CxP)
	00376 C	CY4 Rev A CY5 Rev A	Smart Networked Elements in support of IHMS Systems
	00377 0	CY7 Basic	Specifications and Standards - CXP
	00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)
	00380	CY7 Basic	SSPF Spacecraft and Payload - CxP
	00381 C	CY6 Rev B	Safety and Mission Assurance CxP Support

00381 C CY6 Rev B Safety and Mission Assurance CxP Support 00382 CY6 Rev C Consellation Business Management 00383 C CY5 Rev A Architecture of a Lunar Instrument 00384 C CY5 Rev A Window Inspection Technology Upgrade

		CY	01		
Total Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	\$0	\$0	\$0	\$0	\$
\$0	08	\$0	0.2	\$0	\$

Task		
Order		
C≕Closed		Title
00385	CY6 Rev C	Constellation Project Configuration Management
00386	CY7 Basic	Command and Control ARES
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication
00388	CY6 Rev. A	Launch Coating Operations Support
00390 C	CY5 Rev. B	
00392	CY7 Basic	VAB High Bay Modification
00393	CY6 Basic	LCC Firing Room #1 Modification
00394	CY7 Basic	Hangar AF Modification
00395 C		Ares I-1 Pad B Integration
00396	CY7 Basic	Constellation LC-39B Integration
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management
00399	CY6 Basic	Window Defect Inspection Device
00400	CY7 Basic	USTDC Design and Development Support
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)
00403	CY6 Basic	LSE Communications System Support
00405 C	CY6 Rev A	Application of Dust Screen Electrodes
00406 C	CY5 Rev. A	
00407 C 00408 C	CY5 Rev. A CY5 Rev A	
00409	CY7 Basic	Low Temp Processing of Lunar Regolith to Produce O2 O2 Production System Modeling
00410	CY7 Basic	Integration Support to Const (CxP) Ground Syst Development
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
00412	CY6 Rev H	Dust Mitigation
00415	CY6 Rev A	NASA Consolidation of Active Directory Support
00416 C	CY6 Rev A	Coatings Support
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis
00421	CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP
00422	CY6 Rev B	Non-Destructive Evaluation Technologies Development
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst
00424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications
00425	CY6 Rev D	CLV ML Fluid Systems
00426	CY7 Basic	Electrical and Control & Data Division EDL Lab Support
00427	CY6 Basic	Solar Thermo Molecular Sleve H2/O2 Production
00428 C 00429	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.  Data Presentation and Visualization
00429	CY7 Basic CY6 Basic	
00430 00431 C	CY6 Rev A	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst
00431 C	CY6 Rev B	Digital Image Inspection for Spacecraft Processing High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks
00432 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology
00435 C	CY6 Rev A	AR7 Coating Replacement
00436 C	CY6 Rev A	Polyimide Based Powder Coatings
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods
00438 C	CY6 Rev A	IR Leak Visualization
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst
00440	CY7 Basic	IPP Ground Operations Health Management
00441	CY7 Basic	IPP Self-Healing Wiring
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)
00444	CY7 Basic	IPP Nanosensors
1	CY7 Basic	White Light Interferometric Depth Gage
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification
00447	CY7 Basic	Hypergol Detection
00448	CY6 Basic	PC Based Command & Telemetry Workstation
00449 C 00450	CY6 Rev B CY7 Basic	Coastal Radar Video Surveillance System CTC Equipment Obsolescence Implementation
00450 00451 C	CY7 Basic CY5 Rev B	Experimental Imaging Lab Infrastructure
00451	CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.
00454 C	CY5 Rev A	ATM Transmission System Replacement
100-0-0	J.07.07 A	

		CY	01		
Total Adjusted Target Labor		Total Estimated		Incentive	Total Cost &
Costs	Costs	Cost	Award Fee	Fee	fee

Task Order		
C=Closed	Revision	Title
00455 C	CY5 Rev C	Hubble Service Repair Mission ESPL Support
00457	CY6 Rev A	Materials Science Lab Support
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support
00459	CY7 Basic	Engineering Analysis for Constellation
00461	CY7 Basic	TEERM and AFSPC Program Support
00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion
00467	CY6 Rev A	NASA Lessons Learned Program Support
00468	CY7 Basic	Polymer Science and Technology Lab Support
00469	CY6 Rev B	Electrostatic Research on Martian Soil
00470 00471	CY7 Basic CY7 Basic	Excavation Hardware Development Lunar Soil Dust Standards Development
00472	CY7 Basic	IT System Services infrastructure
00473	CY7 Basic	US Army Vehicle Coating Study
00474	CY6 Basic	CLV/VEV Processing & Access GSE in the VAB
00475	CY6 Rev B	Hangar AF GSE for CxP
00476	CY7 Basic	KSC Hydrogen Dispensing Station
00477	CY7 Basic	Corrosion Labs
00478	CY7 Basic	Applied Chemisty Labs Infrastructure
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support initiatives
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Basic	ISRU Beneficiation
00482	CY7 Basic	Heatshield Adapter
00483	CY6 Rev B	ATXS Replacement Support
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY6 Rev B	S&MA Products for CxP Subsystem Development
00486	CY7 Basic	Design Engineering Handbook
00487	CY7 Basic	, XPS Support
00488 00489	CY6 Rev C CY7 Basic	Shuttle Lightning Instrumentation Support
00490	CY7 Basic	Excavation Modeling System ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492	CY6 Basic	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494	CY7 Basic	PELT Sensor - Phase 2
00495	CY7 Basic	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Basic	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507 00508	CY6 Basic CY7 Basic	Helium Sensing & Purge Gas Reclamation
00508	CY7 Basic	GMSSL Infrastructure Support Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Basic	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512	CY6 Rev D	
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation
00524	CY6 Rev A	
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II

	 CY	01		
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

Base Perio	od Task Orde	r Summary	<u> </u>		CY	Cost Award Fee Fee		
Task Order			Total Adjusted	Other Direct			Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs		Award Fee		fee
0527	CY7 Basic	NASA Engineering (NE) Information Security Protection						
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A	Flow Detection System for WCCS						
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						
00536	CY7 Basic	Mars Architecture Team (MAT) Study						
00537	CY6 Basic	Crawlerway Foundation Study						
00538	CY6 Rev A	PAD 39B CLV LH2						
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
00540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						
00543	CY7 Basic	LSP Facilities Project Management Support						
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
00546	CY6 Basic	Software Development for Rapid Propellant Loading						
00547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						
00549	CY7 Basic							
00550	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						
00550	CY6 Basic	LETF Constellation Test Support						
		Coastal Radar Video Surveillance System Installation						
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						
00557	CY7 Basic	ESTCP Coating Test						
00558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
00560	CY7 Basic	MPPF Upgrade CxP Project Support						
00561	CY7 Basic	, Online Real-Time Cable Defect Re-Routing System						
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
00563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
00572	CY7 Basic	Propellant Conditioning						
00573	CY7 Basic	Constellation Logistics Support Analysis						
00574	CY7 Basic	VIE Handling and Access GSE Design						
00575	CY7 Basic	IT Communications System Support						
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						
00578	CY7 Basic	ISS and Spacecraft Processing Support						
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584	CY6 Basic	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						\$15,001,04
		ADJUSTMENT TO ACTUALS	CY 1 Adj to Act	uals				-\$1,340,8
			Contract Value	ı				\$13,660,22

Base Perio	od Task Order	Summary	L		CY 0	2		
Task			Total Adjusted		Total			
Order		1	Target Labor	Other Direct	Estimated		Incentive	Total Cost 8
C=Closed		Title	Costs \$0	Costs	Cost \$0	Award Fee \$0	Fee SO	fee
00001 C 00002	Rev B CY7 Basic	60 Day Transition Task Order Calibration Maintenance for SE&T Labs, Testbeds Div & Labs	30	\$0	20	\$0	30	\$486.83
00003 C	Basic	Corrosion Resistant Tubing						\$ <del>400,0</del>
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$59,8
00005 C	CY5 Rev D	Corrosion Test-bed						\$288,4
00006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$614,6
00007 C	Rev B*	Hydrogen Peroxide Decomposition						
O0008 C	Rev A	Galvanic Coatings for Protection of Concrete						;
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$13,1
00012 C	Rev B	lonic Liquids						
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						\$181,9
00014 C	CY 2 Rev B	OTV Modernization						\$57,00
00015 00016 C	CY6 Rev C CY2 Basic	Communications Engineering Infrastructure Network Architecture & Routing Protocols						\$471,02 \$149,42
00017 C	Basic	KSC LAN Documentation and User Guides						\$ 149,4
00017 C	CY4 Rev B	Advanced Communications Development						\$223.9
00019 C	CY4 Rev C	Fiber Optics Lab Projects						\$484,9
00020	CY7 Basic	IT Systems & Security Technologies						\$703,3
00021 C	CY2 Rev A	Network Service Level Assessment (NSLA)						\$51,92
00022 C	Basic	Ultra Wideband (UWB) Commincation Technology						:
00023 C	Basic	Remote Monitoring and Alarm System (RMAS)						:
00024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						:
00025 C	Rev A	Halon Replacement						
00026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$59,6
00028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$25,4
00029 C 00030	Basic CY7 Basic	Payload Contamination Monitoring Development of KSC Infrastructure Documentation						\$29.0
00031	CY7 Basic	Miscellaneous Operations Support						\$156,3
00032 C	CY4 Basic	Proof-of-Concept Support						\$290,2
00033	CY7 Basic	LETF & Instrumentation O&M						\$1,347,99
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1						\$269,09
00035 C	CY3 Basic	LOX Pump Qualification Testing						\$162,0
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$166,0
00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						\$857,8
00039 C	Basic	PGHMA Enhancements and Technical Support						
00041 C 00042	CY3 Rev B CY7 Basic	Systems Engineering (NGLT) Engineering Technical Services Support & CAD/CAE Support						\$476,9 \$388,3
00042	CY7 Basic	Innovative Partnership Program Office Support						\$388,3 \$403,2
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						#400,Z
00045	CY7 Basic	Procedures						\$93,1
00046	CY6 Rev. A	ISS Support Equipment Fabrication, Integration, and Testing						\$55,0
00047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$34,18
00049	CY7 Basic	LETF Shuttle Operations Testing Support						\$300,0
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						:
00051 C	CY6 Rev A	GSE Controls Integration						\$90,0
00052	CY6 Rev B	Command and Control Laboratory Infrastructure						\$655,8
00053 C	Basic CY7 Basic	Upgrade Hypergol Flow Meters Support						***
00054 00056 C	CY4 Rev B	SSPF Transducer Laboratory Support Shuttle Transducer Development						\$50,0
00057	CY7 Basic	Shuttle Transducer Obsolescence						\$226,6 \$300.0
00058 C	CY2 Basic	In-Situ Pressure Calibration System						\$6.8
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						\$71,6
00060 C	Basic	Acoustic Scaling Methodologies						V. 1,0
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$31,7
00063	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$779,8
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$128,6
00070	CY7 Basic	SBIR/STTR Support						\$89,9
00071 C		LETF DOD Load Testing Support						\$128,3
00072 C		E-nose for ISS and EVA						\$17,8
00074 C	CY 2 Basic	Technical Documentation Database System						\$55,9
00076 C	Basic	Laser Processing of Spaceport Materials						200.0
00078 C	CY2 Basic	Capcitance Based Sensors						\$22

	iod Task Orde	o Guinaliaz y			CY	02		
Task		•	Total Adjusted		Total			
Order		***	Target Labor				Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00079 C 00080 C		NGLT Project Management Support						\$133,71
00081	CY6 Rev A	Software Process Improvement Effort						\$97.63
00082 C	CY7 Basic CY2 Rev A	MSBLS Flight Inspection System Support						\$99.94
00083	CY7 Basic	Flight Modern Project Electronics Infrastructure						\$64,98
00084	CY7 Basic	Range Infrastructure						\$334,13
00085	CY7 Basic	Weather Projects Support						\$192,00
00086	CY7 Basic	Autonomous Flight Safety System (AFSS)						\$14,96
20087	CY7 Basic	Emerging Communication Technology (ECT)						\$176,95
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$299,20
00089 C	CY2 Rev B	Intelligent Cable Tester						\$330,44
00090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$92,11
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$591,02
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$
00093 C	CY2 Rev A	Airborne Particle Counting						\$188,01
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$27,92
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$278,88 \$24,27
00098 C	CY 2 Rev B							\$24,27 \$17,91
00102	CY3 Basic CY6 Rev C	Sonic Lightning Locator (SOLLO) Upgrades						\$17,91
0102 0105 C	Basic	Agency Security Update Service (ASUS)						\$146,69
0111 C	Basic	Failsafe Jackscrew						\$140,00
0115 C	CY3 Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						Š
0119 C	Basic	Camera Measurement System for Payload Positioning at Pads						\$171,74
	Basic	W8 TAU Certification for Flowliner Cryolab Oxygen Monitor						\$,.
	Basic	Fire Detection Evaluation						\$
	Basic	Support Equipment Coating Study						Š
	Rev A	RWGS						\$
	CY4 Rev A	Minature Smart Leak Sensor						Š
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$154,84
	Basic	Spaceport Processing System LPS Survivability Task						\$40,95
	CY3 Rev B	KSC BTU Measurement System						\$0
	CY2 Rev B	Development of Portable Hydrazine Detector						\$100,16
0134 C	Rev B	STS-107 Investigation Support						\$66,374
0135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$0
0137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						\$28,970
	CY2 Rev A	Thermal Insulation System Retrofit						\$22,038
	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$117,033
	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$251,049
	Basic	Systems Engineering Tools Assessment						\$77,258
		Mars Dust Partical Analyzer						\$0 \$9,293
								\$88,414
	Rev A	ELV Lightning Detection Support						\$00,414
	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$138,392
0146 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$57,081
0149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						
	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$15,027
		Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0
0152 C	Basic	Long Distance Transfer Piping						\$102,000
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0
	CY 2 Rev B	OTV System Modernization						\$152,987
	CY7 Basic	LSP Instrumentation Support						\$22,291
	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$14,848
	Basic	Seawater Immersion Facility Support						\$1,972
	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$100.000
	CY4 Rev B	Millimeter Wave Imaging Support						\$138,082
	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$250,024
	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$1,183
	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0
	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$69,400
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$291,038
	CY2 Basic	RF Health Node						\$17,500
	CY2 Rev C	Hazardous Environment Equipment Upgrades						\$37,971
	CY2 Hev C	Project Mgt Support of ETDC Lab Consolidation Project						\$67,799
1169 C (	CY2 Basic	ELV GN2 Pressure Reducing Panel						\$15,603

Resa Parin	d Task Order	Summery	CY 02					
Duse / Olio	a rada order							
Task			Total Adjusted		Total Estimated		incentive	Total Cost &
Order			Target Labor	Other Direct	Cost	Award Fee	Fee	ine
. C=Closed	Revision	Title	Costs	Costs	COSI	Award ree	100	\$186,578
1		ATDC Engineering Study and Implementation Plan						\$25,000
	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$22,483
	CY2 Basic	LPS Operations and Maintenance Support						\$103,727
	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$7,738
00176 C	CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)						\$15,832
00177 C 00178 C	CY2 Rev D CY2 Rev A	Hyper Spill Detection System						\$41,109
00178 C	CY2 Rev E	Polymide Wire Insulation Repair Material						\$98,761
00179 C	CY2 Rev E	New Microencapsulated Membrane						\$82,174
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)						\$199,900
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems						\$72,342
00183 C	CY2 Basic	Vision Location System Research						\$69,880
00184 C	CY2 Rev A	LASER Repair Applications						\$10,540
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$81,044
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$84,666
00187	CY7 Basic	Hazardous Gas Detection Applications						\$180,626
00188 C	CY2 Rev A	Intelligent Algorithms						\$73,690
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$72,173
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$218,970
00193 C	CY2 Basic	Knowledge Management for Ground Processing						\$45,064
00194 C	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile						\$467,055
00195 C	CY4 Rev A	Return to Flight Ground Camera Project						\$1,295,766
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$151,258
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools						\$125,194
00200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$3,161
00201 C	CY4 Rev C	Launch System Testbed O&M						\$126,245
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$198,296
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$30,212
00204 C	CY2 Basic	Development of Acoustic Estimate Tool						\$22,500
00205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						\$10,455 \$8,526
00205 C	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency						
00207 C	CY3 Rev C	Ablator Impact Testing						\$1,058,414 \$22,208
00208 C	CY3 Rev A	Wireless Networks and Sensors						\$14.865
00209 C	CY2 Rev B	ESS Wireless Network Installation						\$1,478,157
00210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$9,245
00211 C	CY2 Basic	System Administrator Certifications						\$78,535
00212 C	CY4 Rev A	PCG2 System Support						\$16,843
00214 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$26,486
00215 C	CY2 Rev A							\$81,204
00216 C	CY3 Rev B							\$22,000
00217 C 00218 C	CY5 Rev A CY6 Rev A							\$6,656
00218 C	CY3 Rev A							\$11,019
00219	CY7 Basic	Non-Governmental VCS's and Standards						\$15,780
00221 C	CY3 Rev A							\$106,496
00221 C	CY5 Rev A							\$70,064
00222 C	CY2 Basic							\$13,058
00223 C	CY3 Rev B							\$4,977
00225 C	CY3 Rev B							\$16,949
00226 C	CY4 Rev B							\$90
00228 C	CY3 Rev B							\$192,543
00229 C	CY4 Rev A							\$8,708
00230 C	CY5 Basic	Polyurethane Replacement Coatings						\$9,236
00231 C	CY4 Rev A							\$2,753
00232 C	CY4 Rev B	Self Validating Thermocouple System						\$12,654
00233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$177,448
00234 C	CY2 Rev A							\$9,259
00235 C	CY3 Rev A							\$57,781
00236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$18,000
00237 C	CY2 Rev A							\$2,520
00238 C	CY3 Rev A							\$83,549
00239 C	CY4 Rev C							\$115,574
00240 C	CY2 Rev B							\$4,831
00241 C	CY4 Rev A							\$0
00242 C	CY3 Rev A							\$10,455
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development						\$73

	Base Period Task Order Summary			CY 02					
Task			Total Adjusted						
Order C=Close	d Revision		Target Labor		Estimated		Incentive	Total Cost &	
00247 C	CY3 Rev A	Title	Costs	Costs	Cost	Award Fee	Fee	fee	
00247 C	CY5 Rev B	Construction and Demolition Debris Characterization Moisture/Aging Study of Spray on Foam Insulation	\$0	• • •	\$0	\$0	\$0	\$0	
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support	\$0	\$0	\$0	\$0	\$0	\$0	
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$328	
00253 C	CY4 Rev A	Chemical Vapor Detection Expertise	\$0	\$0	\$0	\$0	\$0	\$0	
00254 C	CY4 Rev A	Analytical instrumentation Expertise	\$0		\$0	\$0 \$0	\$0 \$0	\$0 \$0	
00255 C	CY3 Rev E	Wire Insulation and Membrane Expertise	\$0		\$0	\$0	\$0	\$0	
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0	
00257 C 00258 C	CY5 Basic CY5 Rev B	Electrostatics and Surface Research	\$0	\$0	\$0	\$0	\$0	\$0	
00259 C	CY4 Rev B	Environmental Remediation Expertise NESC SRB Stud Hang-up Testing	\$0	\$0	\$0	\$0	\$0	\$0	
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support	\$0 \$0	\$0	\$0	\$0	\$0	\$0	
00261 C	CY4 Basic	Commodity-Free Calibration	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan	\$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0	
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support	\$0	\$0	\$0	\$0	\$0	\$0 \$0	
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft	\$0	\$0	\$0	\$0	\$0	\$0 \$0	
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections	\$0	\$0	\$0	\$0	\$0	\$0	
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development	\$0	\$0	\$0	\$0	\$0	\$0 \$0	
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support	\$0	\$0	\$0	\$0	\$0	\$0	
00270 C		VAB Roof Remediation Support	\$0	\$0	\$0	\$0	\$0	\$0	
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor	\$0	\$0	\$0	\$0	\$0	\$0	
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device	\$0	\$0	\$0	\$0	\$0	\$0	
00273 C		e Cryogenic Applications of Shape Metal Alloy Technology	\$0	\$0	\$0	\$0	\$0	\$0	
00274 C 00275	CY3 Rev A CY7 Basic	Lanthanide Based Hydrogen Sensitive Coatings	\$0	\$0	\$0	\$0	\$0	\$0	
00275 00276 C	CY 4 Basic	CTC Program Support	\$0	\$0	\$0	\$0	\$0	\$0	
00277 C	CY4 Rev B	SOLLO Installation Support	\$0	\$0	\$0	\$0	\$0	\$0	
00277 C	CY5 Rev B	SAA Support for NASA GSE Controls Integration Project KSC Network Device Registry System	\$0	\$0	\$0	\$0	\$0	\$0	
00280 C	CY3 Basic	Wireless Sensor Networks	\$0	\$0	\$0	\$0	\$0	\$0	
00281 C	CY3 Rev B	Advanced Cable Tester Development	\$0 \$0	\$0	\$0	\$0	\$0	\$0	
00282 C	CY4 Rev A		\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	
00284 C	CY3 Rev A	AVEMS CARTA 2005	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production	\$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0	
00286 C	CY3 Rev A	Lunar Regolith	\$0	\$0	\$0	\$0	\$0 \$0	\$0	
00287 C	CY4 Rev B	Dust Particle Mitigation	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
00288 C	CY4 Rev A	ISHM Testbed and Prototypes	\$0	\$0	\$0	\$0	\$0	\$0 \$0	
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr	\$0	\$0	\$0	\$0	\$0	\$0 \$0	
00290 C	CY3 Basic	ESS Wireless Network Installation			•	•	•••	40	
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor	\$0	\$0	\$0	\$0	\$0	\$0	
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors	\$0	\$0	\$0	\$0	\$0	\$0	
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing	\$0	\$0	\$0	\$0	\$0	\$0	
00294 C	CY5 Basic	EZVI Materials testing	\$0	\$0	\$0	\$0	\$0	\$0	
00295 C 00296 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC	\$0	\$0	\$0	\$0	\$0	\$0	
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise	\$0	\$0	\$0	\$0	\$0	\$0	
00298	CY6 Rev B	OCE and SMO Technical Support Complex 20 Cryogenic Engineering Support	\$0	\$0	\$0	\$0	\$0	\$0	
00299 C	CY3 Basic	VAB Siding Coatings Testing	\$0	\$0	\$0	\$0	\$0	\$0	
00300 C	CY3 Basic	Black Powder Phenomena Study	\$0 \$0	\$0	\$0	\$0	\$0	\$0	
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	
00303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng	\$0	\$0	\$0	\$0 \$0	\$0 \$0	:\$0	
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
00307 C	CY4 Rev A	EVM Process Documentation	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
00308 C	CY5 Rev A	NDE Support at Michoud	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
00309 C	CY4 Basic	HLA for SGOS Research Activity	\$0	\$0	\$0	\$0	\$0	\$0	
00310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support	\$0	\$0	\$0	\$0	\$0	\$0	
00311	CY7 Basic	Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0	
00312 C	CY4 Rev F	EVM Preparation	\$0	\$0	\$0	\$0	\$0	\$0	
00314 C	CY4 Rev A	Near Field MSBLS Navset Development	\$0	\$0	\$0	\$0	\$0	, \$0	
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications	\$0	\$0	\$0	\$0	\$0	\$0	
00317	CY6 Rev B	Imaging Systems Support	\$0	\$0	\$0	\$0	\$0	\$0	

Task		
Order		
C=Closed		Title
00318 C	CY5 Rev A	Active Ice Mitigation Technologies
00319 C	CY4 Rev A	Advance Technology Development Center Support
00320 C	CY5 Rev A	KCCS Technology Update
00321 C	CY4 Rev A	ESS Security
00322	CY6 Rev A	Electrostatic Separation of Regolith
00323 C	CY4 Basic	Study of Mobile Helium Conversion System
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers
00326 C	CY4 Rev D	SETI Migration
00327	CY7 Basic	Launch Site Quick Response Technical Support
00328	CY7 Basic	NESC Technical Support
00329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining
00330 C	CY4 Rev C	RTF Test Site Closeout
00331 C	CY5 Rev F	Constellation Engineering Support
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis
00333	CY7 Basic	NASA AP2 Program Support
00335	CY7 Basic	LETF Constellation Program Support
00336 C	CY4 Rev A	IMU Simulator
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems
00342	CY7 Basic	Oxygen Production by Molten Salt
00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise
00344	CY7 Basic	Regolith Volatile Characterization Expertise
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
00347 C	CY5 Rev A	
00348	CY7 Basic	IT Baseline Configuration Management Support
00349 C	CY4 Rev B	
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller
00351 C	CY5 Rev A	
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering
00353 C	CY5 Rev B	
00354 C	CY4 Rev A	
00355	CY7 Basic	Bimetalic Treatment System for PCB Removal
00356 C	CY5 Rev B	Lightning Protection System Design
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication
00359	CY7 Basic	KT Directorate Engineering Technical Services Support
00360 C	CY4 Rev B	Lightning Monitoring System Support
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
00362	CY7 Basic	Laboratory Relocation to SLSL
00363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project
00364 C	CY5 Rev C	Bird Abatement
00365	CY7 Basic	NASA-STD-5008A Revision Support
00366	CY7 Basic	Operational Imaging Support
00367	CY7 Basic	Consumables Transfer Technology Development Project
00368	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants

00373 CY6 Rev A Aerodynamic Environment Study of Launch Vehicle Base

00376 C CY4 Rev A Landing & Recovery for Spacecraft & PL Processing (CXP)
00377 C CY5 Rev A Smart Networked Elements in support of IHMS Systems

00379 C CY5 Rev B ML Electrical Systems Support (Exploration Ground Systems)

00375 C CY5Rev. A Capacitance Based Liquid Level Sensor

00378 CY7 Basic Specifications and Standards - CxP

00380 CY7 Basic SSPF Spacecraft and Payload - CxP
00381 C CY6 Rev B Safety and Mission Assurance CxP Support
00382 CY6 Rev C Constellation Business Management
00384 C CY5 Rev B Architecture of a Lunar Instrument
00384 C CY5 Rev B Window Inspection Technology Upgrade

00374 C CY5 Rev A 3-D Scene Analysis

		CY 0:	2		
Total Adjusted		Total			
Target Labor	Other Direct	Estimated		Incentive	Total Cost &
Costs	Costs	Cost	Award Fee	Fee	foe
\$0	\$0	\$0	\$0	\$0	\$
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\$0		\$0	\$0	\$0	\$

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-	rder	Davidala	Tiu.
1003	Closed		Title  Constellation Project Configuration Management
003		CY7 Basic	Command and Control ARES
1	87 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication
003		CY6 Rev A	Launch Coating Operations Support
003		CY6 Rev. A	
	90 C	CY5 Rev. B	
003	92	CY7 Basic	VAB High Bay Modification
003		CY6 Basic	LCC Firing Room #1 Modification
003	94	CY7 Basic	Hangar AF Modification
003	95 C	CY5 Rev. A	Ares I-1 Pad B Integration
003	96	CY7 Basic	Constellation LC-39B Integration
003		CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts
003		CY7 Basic	CLV Mobile Launcher (ML) Project Management
003		CY6 Basic	Window Defect Inspection Device
004		CY7 Basic	USTDC Design and Development Support
1	01 C	CY5 Rev C	Advanced Communications Development Laboratory Support
004	02 C	CY6 Rev B CY6 Basic	Simulation and Analysis of Launch Teams (SALT)
1	05 C	CY6 Rev A	LSE Communications System Support Application of Dust Screen Electrodes
1	06 C	CY5 Rev. A	• • • • • • • • • • • • • • • • • • • •
1	07 C	CY5 Rev. A	
	08 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2
004		CY7 Basic	O2 Production System Modeling
004		CY7 Basic	Integration Support to Const (CxP) Ground Syst Development
	11 C	CY5 Rev B	Cryogenic Tank Insulation Test Support
004	12	CY6 Rev H	Dust Mitigation
004	15	CY6 Rev A	NASA Consolidation of Active Directory Support
004	16 C	CY6 Rev A	Coatings Support
004	18 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
004		CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays
	20 C	CY5 Rev B	•
004		CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP
004		CY6 Rev B	Non-Destructive Evaluation Technologies Development
004		CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst
1	24 C	CY5 Rev C	S&MA Support for Comand, Control & Communications
004		CY6 Rev D	CLV ML Fluid Systems
004		CY7 Basic CY6 Basic	Electrical and Control & Data Division EDL Lab Support Solar Thermo Molecular Sieve H2/O2 Production
1	28 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.
004		CY7 Basic	Data Presentation and Visualization
004		CY6 Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst
	31 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing
	32 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks
	33 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology
	35 C	CY6 Rev A	AR7 Coating Replacement
004	36 C	CY6 Rev A	Polyimide Based Powder Coatings
004	37 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods
004	38 C	CY6 Rev A	IR Leak Visualization
1	39 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst
004		CY7 Basic	IPP Ground Operations Health Management
004		CY7 Basic	IPP Self-Healing Wiring
	42 C	CY5 Rev A	Fluid Dynamics Conference Manuscript
	43 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)
004		CY7 Basic	IPP Nanosensors
004		CY7 Basic	White Light Interferometric Depth Gage
1	46 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification
004		CY7 Basic CY6 Basic	Hypergol Detection PC Based Command & Telemetry Workstation
[	148 149 C	CY6 Basic CY6 Rev B	Coastal Radar Video Surveillance System
1004		CY6 HeV B	CTC Equipment Obsolescence Implementation
1	150 151 C	CY5 Rev B	Experimental Imaging Lab Infrastructure
1004		CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.
1.	154 C	CY5 Rev A	ATM Transmission System Replacement
1004		C13 HeV A	rina mananda oyalan napiavanian

	 CY	)2		
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &

Task

Order		
C=Closed	Revision	Title
00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support
00457	CY6 Rev A	Materials Science Lab Support
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support
00459	CY7 Basic	Engineering Analysis for Constellation
00461	CY7 Basic	TEERM and AFSPC Program Support
00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00463	CY7 Basic	Smart Coatings for Corresion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion
00467 00468	CY6 Rev A	NASA Lessons Learned Program Support
00469	CY7 Basic CY6 Rev B	Polymer Science and Technology Lab Support
00470	CY7 Basic	Electrostatic Research on Martian Soil  Excavation Hardware Development
00471	CY7 Basic	Lunar Soil Dust Standards Development
00472	CY7 Basic	IT System Services infrastructure
00473	CY7 Basic	US Army Vehicle Coating Study
00474	CY6 Basic	CLV/VEV Processing & Access GSE in the VAB
00475	CY6 Rev B	Hangar AF GSE for CxP
00476	CY7 Basic	KSC Hydrogen Dispensing Station
00477	CY7 Basic	Corrosion Labs
00478	CY7 Basic	Applied Chemisty Labs Infrastructure
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Basic	ISRU Beneficiation
00482	CY7 Basic	Heatshield Adapter
00483	CY6 Rev B	ATXS Replacement Support
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY6 Rev B	S&MA Products for CxP Subsystem Development
00486	CY7 Basic	Design Engineering Handbook
00487		XPS Support
00488	CY6 Rev C	Shuttle Lightning Instrumentation Support
00489	CY7 Basic	Excavation Modeling System
00490	CY7 Basic	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492	CY6 Basic	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494	CY7 Basic	PELT Sensor - Phase 2
00495	CY7 Basic	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497 00498 C	CY7 Basic	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A CY7 Basic	S&MA Analysis for the Constellation Ground Sys/Elements
00500	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507	CY6 Basic	Helium Sensing & Purge Gas Reclamation
00508	CY7 Basic	GMSSL Infrastructure Support
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Basic	New Materials for Structural Composites and Conductive Coat
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512	CY6 Rev D	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation
00524	CY6 Rev A	NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware

		CY	)2		
Total Adjusted Target Labor		Total Estimated			
Costs	Costs	Cost	Award Fee	Incentive Fee	Total Cost & fee

CY 02

		·	<u> </u>	CY U2				
Task			Total Adjusted		Total			
Order				Other Direct			Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A	Flow Detection System for WCCS						
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						
00536	CY7 Basic	Mars Architecture Team (MAT) Study						
00537	CY6 Basic	Crawlerway Foundation Study						
00538	CY6 Rev A							
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
00540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						
00543	CY7 Basic	LSP Facilities Project Management Support						
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
00546	CY6 Basic	Software Development for Rapid Propellant Loading						
00546	CY7 Basic	• • • • •						
00548	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						
00549	CY7 Basic	Refractory Materials for Flame Deflector Protection System						
		Ares I-X Stack-5 Ground Support Equipment						
00550	CY7 Basic	LETF Constellation Test Support						
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						
00557	CY7 Basic	ESTCP Coating Test						
00558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
00560	CY7 Basic	MPPF Upgrade CxP Project Support						
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
00563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
00572	CY7 Basic	Propellant Conditioning						
00573	CY7 Basic	Constellation Logistics Support Analysis						
00574	CY7 Basic	VIE Handling and Access GSE Design						
00575	CY7 Basic	IT Communications System Support						
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						
00577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						
00578	CY7 Basic	ISS and Spacecraft Processing Support						
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584	CY6 Basic	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						
		ADJUSTMENT TO ACTUALS	CY 2 Adj to Actu	als				
L			Contract Value		*****	*****		

	03	CY						r Summery	d Task Order	ase Peri
			Total Satis	ther Direct		Total /		,		Task Order
Fee	Awar		Cost	Costs			Title		Revision	=Closed
\$0		\$0		\$0	\$0		ask Order	60 Day T	Rev B	0001 C
•							for SE&T Labs, Testbeds Div & Labs	Calibration	CY7 Basic	0002
							Tubing	Corrosion	Basic	0003 C
							astructure Support		CY4 Basic	0004 C
								Corrosion	CY5 Rev D	0005 C
							tation & Process Lab Infrastructure		CY5 Rev F	0006 C
							Decomposition	Hydrogen	Rev B*	0007 C
							or Protection of Concrete	Galvanic	Rev A	0008 C
							ardant Additive Testing		CY2 Basic	0009 C
								Ionic Liqu	Rev B	0012 C
							, Prediction and Prevention		CY3 Rev B	0013 C
									CY 2 Rev B	0014 C
							gineering infrastructure		CY6 Rev C	0015
							e & Routing Protocols		CY2 Basic	0016 C
							tation and User Guides		Basic	0017 C
							ications Development		CY4 Rev B	0018 C
								Fiber Opti	CY4 Rev C	0019 C
							y Technologies		CY7 Basic	0020
							rel Assessment (NSLA)		CY2 Rev A	0021 C
							B) Commincation Technology		Basic	0022 C
							and Alarm System (RMAS)		Basic	0023 C
							st Cable TV Alert System		CY1 Basic	0024 C
								Halon Re	Rev A	0025 C
							laterials Physics Testbed	Electrosta	CY 7 Basic	0026
							ace Physics R&D	Electrosta	CY2 Rev B	0028 C
							tion Monitoring	Payload (	Basic	0029 C
							C Infrastructure Documentation	Developn	CY7 Basic	0030
							ations Support	Miscellan	CY7 Basic	0031
							apport	Proof-of-	CY4 Basic	0032 C
							ition O&M	LETF &	CY7 Basic	0033
							y Development Center (ATDC) - Phase 1	Activances	CY3 Rev C	0034 C
							ation Testing	LOX Pur	CY3 Basic	0035 C
							trols & GSE Dav Lab O&M	Mech, St	CY3 Rev A	0036 C
							itions Infrastructure and LETF O&M		CY3 Rev A	0038 C
							ents and Technical Support	PGHMA	Basic	0039 C
							g (NGLT)	Systems	CY3 Rev B	0041 C
							al Services Support & CAD/CAE Support	Engineeri	CY7 Basic	0042
							hip Program Office Support	innovativ	CY7 Basic	0043
							tegration and Conference Support	ARTWG/	Rev A	0044 C
								Procedur	CY7 Basic	0045
							ent Fabrication, Integration, and Testing	ISS Supp	CY6 Rev. A	0046
							ta Acquisition System Support	Beach Co	CY3 Rev A	0047 C
							tions Testing Support	LETF Sh	CY7 Basic	0049
							ection System (HGDS) 2000	Hazardou	Rev A	0050 C
							ation	GSE Con	CY6 Rev A	0051 C
							roi Laboratory Infrastructure		CY6 Rev B	0052
							low Meters Support	Upgrade	Basic .	0053 C
							aboratory Support		CY7 Basic	0054
							Development		CY4 Rev B	0056 C
							Obsolescence		CY7 Basic	0057
							libration System		CY2 Basic	0058 C
							table Pressure Standard		CY4 Rev A	0059 C
							athodologies		Basic	0060 C
							s Gas Detection System Development		Rev A	0061 C
							ction for Ground Support Equipment		CY2 Rev A	0062 C
									CY7 Basic	
\$C		<b>S</b> O		\$0	SO					
40		40		30	<b>J</b>		June 10	- Captitall	√ 1 € DBSIC	
\$0 \$0 \$0		\$0 \$0 \$0 \$0		\$0 \$0 \$0	\$0 \$0 \$0 \$0		restructure & Cryogenics Test Leb O&M Materials for Cryogenic Applications t titing Support EVA tation Database System Spaceport Materials	Cryogenics Thermal SBIP/ST LETF DO E-nose fo Technics		00063 00064 C 00070 00071 C 00072 C 00074 C 00076 C

ase Perio	d Task Order	Summery			CY	03		
Task			Total Adjusted					
Order			Target Labor	Other Direct	Total Estimated		Incentive	
=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost &
0079 C	CY3 Basic	NGLT Project Management Support	\$0	\$0		\$0	\$0	
0080 C	CY6 Rev A	Software Process Improvement Effort	•	-	*-	*-	•	\$161.
0081	CY7 Basic	MSBLS Flight Inspection System Support						\$156.
0082 C	CY2 Rev A	Flight Modern Project						0.00,
0083	CY7 Basic	Electronics Infrastructure						\$88,
0084	CY7 Basic	Range Infrastructure						\$157,
0085	CY7 Basic	Weather Projects Support						\$25,
0086	CY7 Basic	Autonomous Flight Safety System (AFSS)						\$213,
0087	CY7 Basic	Emerging Communication Technology (ECT)						\$378,
0088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$219,
0089 C	CY2 Rev B	Intelligent Cable Tester						\$57.
0090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$602
0091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						
0092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$417,
0093 C	CY2 Rev A	Airborne Particle Counting						
0094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$361,
0096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						
0098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						
0099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$142
102	CY6 Rev C	Agency Security Update Service (ASUS)						\$172
105 C	Basic	Failsafe Jackscrew						
0111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						
0115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						\$26
0119 C	Basic	WB TAU Certification for Flowliner						-
0120 C	Basic	Cryotab Oxygen Monitor						
0121 C	Basic	Fire Detection Evaluation						
0122 C	Basic	Support Equipment Coating Study						
0123 C	Rev A	RWGS						
0125 C	CY4 Rev A	Minature Smart Leak Sensor						\$87
0126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$34
0127 C	Basic	Spaceport Processing System LPS Survivability Task						•••
0131 C	CY3 Rev B	KSC BTU Measurement System						\$11
132 C	CY2 Rev B	Development of Portable Hydrazine Detector						•
134 C	Rev B	STS-107 Investigation Support						
0135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$8
0137 C	CY2 Rev A	Modeling of Advanced Physics Concepts						**
0140 C	CY2 Rev A	Thermal Insulation System Retrofit						
141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						
142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$26
0143 C	Basic	Systems Engineering Tools Assessment						420
0144 C	CY 2 Rev B							
0145 C	CY 2 Rev B	EVM Support to YA						
146 C	Rev A	ELV Lightning Detection Support						
0147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						
148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						
149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						
150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks						
151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						
152 C	Basic	Long Distance Transfer Piping						
153 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$158
154 C	CY 2 Rev B	OTV System Modernization						*
155	CY7 Basic	LSP Instrumentation Support						\$14
156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						Ψ.
157 C	Basic	Seawater Immersion Facility Support						
158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$573
159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$400
160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt	\$0	\$0	\$0	\$0	\$0	
161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test	\$0	\$0		\$0	\$0	
162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System	\$0	\$0		\$0	\$0	
163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support	\$0	\$0		\$0	\$0	
0164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels	\$0	\$0		\$0	\$0	
165 C	CY2 Basic	RF Health Node	\$0	\$0		\$0	\$0	
166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades		**	\$0	\$0	\$0	
	01/0 0 0							
0168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project	\$0	\$0	\$0	\$0	\$0	1

Dase Fein	od I ask Order	r Summery	<u> </u>		CY	03		
Task			Total Adjusted					
Order					Total Estimated		Incentive	
C≕Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost & fee
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan			3331	A	. •••	\$0
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support						\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support						\$0
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster						\$338
00176 C	CY2 Rev D							\$0
00177 C	CY2 Rev D							\$0
00178 C	CY2 Rev A							\$0
00179 C	CY2 Rev E							\$0
00180 C	CY2 Rev E							\$0
00181 C	CY2 Rev B							\$0
00182 C	CY2 Rev B							\$0
00183 C	CY2 Basic	Vision Location System Research						\$0
00184 C	CY2 Rev A							\$0
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$0
00186 C 00187	CY2 Rev B	Application of AGDP to after Surface Properties of Materials						\$0
00188 C	CY7 Basic CY2 Rev A	Hazardous Gas Detection Applications						\$451,764
00189 C	CY2 Rev A							\$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$0
00193 C	CY2 Basic	Knowledge Management for Ground Processing						\$316,413
00194 C	CY3 Rev C							\$0
00195 C	CY4 Rev A							\$16,796
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$1,306,224
00199 C	CY4 Rev A							\$385,691
00200 C	CY2 Rev A							\$317,929
00201 C		Launch System Testbed O&M						\$98,600
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$107,188
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$0
00204 C	CY2 Basic	• • • • • • • • • • • • • • • • • • • •						\$0
00205 C	CY2 Rev A							\$0
00206 C	CY5 Rev B							\$33,875
00207 C 00208 C	CY3 Rev C	Ablator Impact Testing						\$548,241
00209 C	CY2 Rev B	Wireless Networks and Sensors						\$31,576
00210 C	CY4 Rev A	ESS Wireless Network Installation Constellation Project Management & System Engineering						\$0
00211 C	CY2 Basic	System Administrator Certifications						\$1,831,809
00212 C	CY4 Rev A							\$0
00214 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$143,397
00215 C	CY2 Rev A	HyTEX RF Health Node						\$23,610 \$0
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$58,476
00217 C	CY5 Rev A	NAVAIR Coatings Study						\$33,716
00218 C	CY6 Rev A							\$8,779
00219 C		Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$18,087
00220	CY7 Basic							\$29,858
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$141,944
00222 C		NESC Technical Support						\$49,211
00223 C 00224 C								\$0
00225 C	CY3 Rev B							\$22,590
00225 C	CY4 Rev B	Tojou						\$5,305
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						\$54,089
00229 C	CY4 Rev A							\$50,000
00230 C	CY5 Basic	Polyurethane Replacement Coatings						\$69,995
00231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						\$210,659
00232 C	CY4 Rev B	Self Validating Thermocouple System						\$139,242
00233 C		Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$51,876
00234 C	CY2 Rev A	Environmental Monitoring Support						\$169,382
00235 C	CY3 Rev A	System Component Selection Tool Demonstration Project						\$0
00236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$7,267
00237 C	CY2 Rev A	Hypergolic Trigger Level Sensor						\$0
		Debris Recognition Camera Image Analysis						\$0 \$282,197
00239 C	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$282,197 \$1,586,378
		Bimettalic Emulsion for PCB Extraction						\$1,300,378
	CY4 Rev A							\$5,199
	CY3 Rev A							\$67,302
100244 C	CTZ MeV B	Wire Insulation Repair & Self-Healing Technology Development						\$0

Base Peri	Base Period Task Order Summary			CY 03							
Task			Total Adjus	sted							
Order			Target Lai		Other Direct	Total Estima	ited		Incentive		
C=Closed		Title	Costs		Costs	Cost		Award Fee	Fee	Total	Cost & fee
00247 C 00248 C	CY3 Rev A CY5 Rev B	Construction and Demolition Debris Characterization Moisture/Aging Study of Spray on Foam Insulation		\$0	\$0	)	\$0	\$0	\$0		\$0
00248 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support									\$285,893
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO									\$12,095
00253 C	CY4 Rev A	Chemical Vapor Detection Expertise									\$0
00254 C	CY4 Rev A	Analytical Instrumentation Expertise									\$117,649 \$43,508
00255 C	CY3 Rev E	Wire Insulation and Membrane Expertise									\$291,031
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure									\$0
00257 C	CY5 Basic	Electrostatics and Surface Research									\$355,279
00258 C	CY5 Rev B	Environmental Remediation Expertise									\$211,884
00259 C 00260 C	CY4 Rev B	NESC SRB Stud Hang-up Testing									1,007,551
00260 C	CY3 Rev A CY4 Basic	Thermal and Fluids Analysis Workshop Support Commodity-Free Calibration									\$33,684
00261 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan									\$59,997
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering									\$119,999
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support									\$43,487
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft									\$77,020
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections									\$109,904 \$99,525
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development									\$74,847
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support									\$23,203
00270 C	CY5 Rev. A	VAB Roof Remediation Support									\$12,245
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor									\$33,910
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device									\$76,999
00273 C		e Cryogenic Applications of Shape Metal Alloy Technology									\$76,398
00274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings									\$29,313
00275	CY7 Basic	CTC Program Support									\$89,111
00276 C	CY 4 Basic CY4 Rev B	SOLLO Installation Support									\$11,142
00277 C	CY5 Rev B	SAA Support for NASA GSE Controls Integration Project KSC Network Device Registry System									\$128,708
00280 C	CY3 Basic	Wireless Sensor Networks									\$75,840
00281 C	CY3 Rev B	Advanced Cable Tester Development									\$99,867
00282 C	CY4 Rev A	RESOLVE									\$99,946
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating									\$525,510
00284 C	CY3 Rev A	AVEMS CARTA 2005									\$384,997
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production									\$30,333
00286 C	CY3 Rev A	Lunar Regolith									\$71,212 \$202
00287 C	CY4 Rev B	Dust Particle Mitigation									\$29,390
00288 C	CY4 Rev A	ISHM Testbed and Prototypes									\$62,796
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr									\$12,587
00290 C	CY3 Basic	ESS Wireless Network installation									\$9,955
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor									\$54,147
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors									\$29,183
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing									\$10,804
00294 C	CY5 Basic	EZVI Materials testing									\$7,908
00295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC									\$181,999
00296 C 00297	CY6 Rev B	Chemochromic Hydrogen Detection Expertise									\$61,312
00298	CY6 Rev B	OCE and SMO Technical Support									\$6,520
00299 C	CY3 Basic	Complex 20 Cryogenic Engineering Support VAB Siding Coatings Testing									\$22,966
00300 C	CY3 Basic	Black Powder Phenomena Study									\$20,820
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support									\$33,658
00303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design									\$3,092
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng									\$4,184
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission									\$46,544 \$12,790
00307 C	CY4 Rev A	EVM Process Documentation									\$12,780 \$0
00308 C	CY5 Rev A	NDE Support at Michoud									\$98,907
00309 C	CY4 Basic	HLA for SGOS Research Activity									\$38,179
00310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support									\$12,811
00311	CY7 Basic	Infrastructure		\$0	\$0		\$0	\$0	\$0		\$0
00312 C	CY4 Rev F	EVM Preparation		\$0	\$0		\$0	\$0	\$0		\$0
00314 C		Near Field MSBLS Navset Development		\$0	\$0		\$0	\$0	\$0		\$0
00315 C 00317	CY5 Rev C	Advance Materials for Aerospace Applications		\$0	\$0		\$0	\$0	\$0	I	\$0
100317	CY6 Rev B	Imaging Systems Support		\$0	\$0		\$0	\$0	\$0		\$0

	Task		• • • • • • • • • • • • • • • • • • • •
	Order		
	C=Closed		Title
- 1	00318 C	CY5 Rev A	Active Ice Mitigation Technologies
	00319 C 00320 C	CY4 Rev A CY5 Rev A	Advance Technology Development Center Support
1.	0320 C	CY5 Rev A	KCCS Technology Update ESS Security
	0322	CY6 Rev A	Electrostatic Separation of Regolith
	0323 C	CY4 Basic	Study of Mobile Helium Conversion System
	0325 C	CY5 Rev A	Evaluation of USMC Hatch Covers
0	0326 C	CY4 Rev D	SET! Migration
	0327	CY7 Basic	Launch Site Quick Response Technical Support
- 4	0328	CY7 Basic	NESC Technical Support
	0329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining
•	10330 C 10331 C	CY4 Rev C CY5 Rev F	RTF Test Site Closeout Constellation Engineering Support
	0331 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis
	0333	CY7 Basic	NASA AP2 Program Support
	0335	CY7 Basic	LETF Constellation Program Support
0	0336 C	CY4 Rev A	IMU Simulator
	0338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control
	0339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development
	0340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings
- 1	0341 C 0342	CY4 Rev A CY7 Basic	Electrostatic Filtration of GN2 Systems
	0343	CY7 Basic	Oxygen Production by Molten Salt  Lunar Water Resource Demonstration (LWRD) Expertise
	0344	CY7 Basic	Regolith Volatile Characterization Expertise
	0345 C	CY5 Rev C	Black Powder Coalescing Filter Testing
	0346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications
	0347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology
	0348	CY7 Basic	IT Baseline Configuration Management Support
	0349 C 0350 C	CY4 Rev B CY4 Rev C	Advanced Miniaturized Instrumentation and Control Node
- 1	0351 C	CY5 Rev A	Fault-Tolerant PLC-Based Controller Solar Water Cracker
	0352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering
	0353 C	CY5 Rev B	NDE Super Problem Resolution Team Support
0	0354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery
- 1	0355	CY7 Basic	Birnetalic Treatment System for PCB Removal
1 '	0356 C	CY5 Rev B	Lightning Protection System Design
	0357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication
	0359 0360 C	CY7 Basic CY4 Rev B	KT Directorate Engineering Technical Services Support Lightning Monitoring System Support
- 1	0361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing
	0362	CY7 Basic	Laboratory Relocation to SLSL
0	0363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project
	0364 C	CY5 Rev C	Bird Abatement
1.	0365	CY7 Basic	NASA-STD-5008A Revision Support
	0366 0367	CY7 Basic CY7 Basic	Operational Imaging Support
1.	0368	CY7 Basic	Consumables Transfer Technology Development Project Geotechnical Testing with Lunar Soil Simulants
	0369	CY6 Rev B	Command, Control & Communication Development (CxP)
	0370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)
0	0371 C	CY5 Rev. B	Validation of CFD Analysis w/ LDV Test Data
0	0372	CY7 Basic	Shuttle Transition and Retirement
	0373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base
		CY5 Rev A	3-D Scene Analysis
1.		CY5Rev. A CY4 Rev A	Capacitance Based Liquid Level Sensor
		CY5 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP) Smart Networked Elements in support of IHMS Systems
		CY7 Basic	Specifications and Standards - CxP
00		CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)
		CY7 Basic	SSPF Spacecraft and Payload - CxP
- i		CY6 Rev B	Safety and Mission Assurance CxP Support
		CY6 Rev C	Constellation Business Management
		CY5 Rev B CY5 Rev A	Architecture of a Lunar Instrument Window Inspection Technology Upgrade
100	-55-0	-10110V M	

CY 03						
Total Adjusted						
Target Labor	Other Direct	Total Estimated		Incentive		
Costs	Costs	Cost	Award Fee	Fee	Total Cost & fee	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	<b>\$</b> 0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$0	\$0	\$0	\$0	\$0	so	
\$0	\$0	\$0	\$0	\$0	\$0	

CY 03

Total Adjusted
Target Labor Other Direct Total Estimated incentive
Costs Costs Cost Award Fee Fee Total Cost & fee

Ta	sk			
Ore				
	osed -		vision	Title
0038	-		Basic	Constellation Project Configuration Management Command and Control ARES
0038	-		Rev A	Smart Network Elements (SNE) Prototype Fabrication
0038	-		RevA	Launch Coating Operations Support
0038	9		Rev. A	
00390			Rev. B	
00392	2	CY7	Basic	VAB High Bay Modification
00393	3	CY6	Basic	LCC Firing Room #1 Modification
00394	4	CY7	Basic	Hangar AF Modification
0039			Rev. A	
00396			Basic	Constellation LC-39B Integration
0039			Basic Basic	Eval of Lunar Soil Excavation and Handling Concepts
00399			Basic	CLV Mobile Launcher (ML) Project Management Window Defect Inspection Device
00400			Basic	USTDC Design and Development Support
0040			Rev C	Advanced Communications Development Laboratory Support
00402	-		Rev B	Simulation and Analysis of Launch Teams (SALT)
00403	3	CY6	Basic	LSE Communications System Support
00405	5 C	CY6	Rev A	Application of Dust Screen Electrodes
00406		CY5	Rev. A	Electrostatic Characterization of Lunar Dust
00407			Rev. A	• • • • • • • • • • • • • • • • • • • •
00408			Rev A	Low Temp Processing of Lunar Regolith to Produce O2
00409			Basic	O2 Production System Modeling
00410	-		Basic Rev B	Integration Support to Const (CxP) Ground Syst Development Cryogenic Tank Insulation Test Support
00412			Rev H	Dust Mitigation
0041			Rev A	NASA Consolidation of Active Directory Support
00416			Rev A	Coatings Support
00418			Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor
00419	9	CY7	Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays
00420	ОС	CY5	Rev B	LIVIS-CWLIS Performance Analysis
0042			Basic	Multi-Mission Support Equip (MMSE) For CxP
00422	_		Rev B	Non-Destructive Evaluation Technologies Development
0042			Basic Rev C	Pad B Elec Syst Formulation Supp Exploration Ground Syst S&MA Support for Comand, Control & Communications
0042			Rev D	CLV ML Fluid Systems
0042			Basic	Electrical and Control & Data Division EDL Lab Support
0042	7	CY6	Basic	Solar Thermo Molecular Sieve H2/O2 Production
0042	ВС	CY6	Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.
00429			Basic	Data Presentation and Visualization
00430			Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst
0043			Rev A	Digital image inspection for Spacecraft Processing
0043			Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks Photonic Bandgap (PBG) Shielding Technology
0043			Rev A	AR7 Coating Replacement
0043			Rev A	Polyimide Based Powder Coatings
0043	7 C	CY5	Rev C	GN2 Filtration Using Electrostatic Methods
0043	ВС	CY6	Rev A	IR Leak Visualization
0043			Rev A	Acceptance Testing Digital Video Transmission Syst
0044	-		Basic	IPP Ground Operations Health Management
0044			Basic Rev A	IPP Self-Healing Wiring Fluid Dynamics Conference Manuscript
0044			Rev B	Integrated Ground Ops. Health Management (IGOHM)
0044			Basic	IPP Nanosensors
0044		-	Basic	White Light Interferometric Depth Gage
0044	6 C	CY5	Rev.B	Transient Voltage Monitor & SOLLO Modification
0044		CY7	Basic	Hypergol Detection
0044		-	Basic	PC Based Command & Telemetry Workstation
0044			Rev B	Coastal Radar Video Surveillance System
0045			Basic	CTC Equipment Obsolescence Implementation
0045			Rev B	Experimental Imaging Lab Infrastructure
0045			Basic Rev A	ML Electrical Sys. Supp. for Constellation Ground Sys.  ATM Transmission System Replacement
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Task

	Order		
	C=Closed	Ravision	Title
1	00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support
- 1	00457	CY6 Rev A	Materials Science Lab Support
- 1	00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support
	00459	CY7 Basic	Engineering Analysis for Constellation
- 1	00461	CY7 Basic	TEERM and AFSPC Program Support
- 1	00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
	00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control
- 1	00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
- 1	00465	CY6 Rev C	Technology Investment in Cryogenic Applications
- 1	00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion
	00467	CY6 Rev A	NASA Lessons Learned Program Support
- 1	00468	CY7 Basic	Polymer Science and Technology Lab Support
•	00469	CY6 Rev B	Electrostatic Research on Martian Soit
	00470	CY7 Basic	Excavation Hardware Development
	00471	CY7 Basic	Lunar Soil Dust Standards Development
- 1	00472	CY7 Basic	IT System Services infrastructure
- 1	00473	CY7 Basic	US Army Vehicle Coating Study
- 1	00474	CY6 Basic	CLV/VEV Processing & Access GSE in the VAB
- 1	00475	CY6 Rev B	Hangar AF GSE for CxP
- 1	00476	CY7 Basic	KSC Hydrogen Dispensing Station
- 1	00477	CY7 Basic	Corrosion Labs
- 4	00478	CY7 Basic	Applied Chemisty Labs Infrastructure
	00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives
- 1	00480	CY7 Basic	System(s) @ LC39B
- 1	00481	CY7 Basic	ISRU Beneficiation
	00482	CY7 Basic	Heatshield Adapter
	00483	CY6 Rev B	ATXS Replacement Support
	00484	CY7 Basic	ARL Coatings and Corrosion Research
- 1	00485	CY6 Rev B	S&MA Products for CxP Subsystem Development
	00486	CY7 Basic	Design Engineering Handbook
ı	00487	CY7 Basic	XPS Support
- 1	00488	CY6 Rev C	Shuttle Lightning Instrumentation Support
	00489	CY7 Basic	Excavation Modeling System
- 1	00490	CY7 Basic	ROXYGEN Regolith Feed System
	00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
- 1	00492	CY6 Basic	Infrared Camera-Based Fire Detection
- 1	00493	CY7 Basic	Remote Measurements of Glass Defects
	00494	CY7 Basic	PELT Sensor - Phase 2
ŀ	00495	CY7 Basic	ISRU Systems Demo - ROXYGEN
1	00496	CY7 Basic	CNT Ink for Dust Mitigation
- [	00497	CY7 Basic	LX-C & UB Special Spt for CxP
- 1	00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
-	00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development
- 1	00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
- 1	00501	CY7 Basic	Software Process Improvement
-	00502	CY7 Basic	Physics Concepts Support
١	00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
- 1	00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support
- 1	00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
١	00507	CY6 Basic	Helium Sensing & Purge Gas Reclamation
١	00508	CY7 Basic	GMSSL Infrastructure Support
-	00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
1	00510	CY7 Basic	New Materials for Structural Composites and Conductive Coat
-	00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
- 1	00512	CY6 Rev D	Online Wiring Diagnostics
1	00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
-	00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
-	00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.
-	00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.
١	00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation
ı	00524	CY6 Rev A	NASA Materials Science WCSP/WCSD Server Sys. Admin.
ļ	00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II
١	00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware
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L	 CY	03			
Total Adjusted Target Labor Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee	

		r Summary	UT UT	CY 03				
Task Order					Total Estimated		Incentive	
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost & fe
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A	Flow Detection System for WCCS						
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						
00536	CY7 Basic	Mars Architecture Team (MAT) Study						
00537	CY6 Basic	Crawlerway Foundation Study						
00538	CY6 Rev A							
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
00540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
00542	CY7 Basic	Fluid Systems (CxP) integration Support						
00543	CY7 Basic	LSP Facilities Project Management Support						
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
0546	CY6 Basic	Software Development for Rapid Propellant Loading						
0547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						
0548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						
0549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						
0550	CY7 Basic	LETF Constellation Test Support						
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
0556	CY6 Basic	NASA PH-N Logistics Engineering Support						
0557	CY7 Basic	ESTCP Coating Test						
0558	CY7 Basic	Dust Mitigation for Solar Panels						
0559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
0560	CY7 Basic	MPPF Upgrade CxP Project Support						
0561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						
0562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
0563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
0572	CY7 Basic	Propellant Conditioning						
0573	CY7 Basic	Constellation Logistics Support Analysis						
0574	CY7 Basic	VIE Handling and Access GSE Design						
0575	CY7 Basic	IT Communications System Support						
0576	CY7 Basic	Applied Technology (KT) Information Technology Security Support	•					
	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						
0578	CY7 Basic	ISS and Spacecraft Processing Support						
0579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
	CY6 Basic	System Maintenance Engineering Support for TA						
	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						\$28.302.28
		ADJUSTMENT TO ACTUALS	CY3 Adj to Actua	ls				\$20,302,28 \$193,78

Base Period Task Order Summary	CY 04							
Dase Perio	u lask Order	Summery	L			·		
Task			Total Adjusted		Total			
Order		1	Target Labor		Estimated		Incentive	
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee		Total Cost & fee
00001 C	Rev B	60 Day Transition Task Order	\$0	\$0	\$0	\$0	\$0	\$0
00002	CY7 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$414,777
00003 C	Basic	Corrosion Resistant Tubing						647.000
00004 C	CY4 Basic	Applied Physics Infrastructure Support						\$17,903
00005 C	CY5 Rev D	Corrosion Test-bed						\$318,928
000006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$333,320
00007 C	Rev B*	Hydrogen Peroxide Decomposition						\$0
00008 C	Rev A	Galvanic Coatings for Protection of Concrete						\$0
00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						\$0
00012 C	Rev B	Ionic Liquids						\$0 \$0
00013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						\$0 \$0
00014 C	CY 2 Rev B	OTV Modernization						\$487,220
00015	CY6 Rev C	Communications Engineering Infrastructure						\$467,220
00016 C	CY2 Basic	Network Architecture & Routing Protocols						\$0
00017 C	Basic	KSC LAN Documentation and User Guides						\$180.594
00018 C	CY4 Rev B	Advanced Communications Development						\$306,193
00019 C	CY4 Rev C CY7 Basic	Fiber Optics Lab Projects						\$335,056
	CY2 Rev A	IT Systems & Security Technologies	\$0	so	\$0	\$0	\$0	\$333,036
00021 C 00022 C	Basic	Network Service Level Assessment (NSLA) Ultra Wideband (UWB) Commincation Technology	\$0		90	\$0	\$0	\$0
00022 C	Basic	Remote Monitoring and Alarm System (RMAS)	<del>-</del> -					\$0
00023 C	CY1 Basic	Emergency Broadcast Cable TV Alert System						\$0
00024 C	Rev A	Halon Replacement						\$0
00025	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$77,373
00028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$77,373
00029 C	Basic	Payload Contamination Monitoring						\$0
00030	CY7 Basic	Development of KSC Infrastructure Documentation						\$23,258
00031	CY7 Basic	Miscellaneous Operations Support						\$17,727
00032 C	CY4 Basic	Proof-of-Concept Support						\$12,456
00033	CY7 Basic	LETF & Instrumentation O&M						\$1,396,183
00034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1	\$C	\$0	\$0	\$0	\$0	\$0
00035 C	CY3 Basic	LOX Pump Qualification Testing	\$0		\$0	\$0	\$0	
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M	ŝo		\$0	\$0	\$0	
00038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M	\$0	\$0	\$0	\$0	\$0	\$0
00039 C	Basic	PGHMA Enhancements and Technical Support	\$0	\$0	\$0	\$0	\$0	
00041 C	CY3 Rev B	Systems Engineering (NGLT)	\$0	\$0	\$0	\$0	\$0	\$0
00042	CY7 Basic	Engineering Technical Services Support & CAD/CAE Support						\$448,302
00043	CY7 Basic	Innovative Partnership Program Office Support						\$646,620
00044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						\$0
00045	CY7 Basic	Procedures						\$28,120
00046	CY6 Rev. A							\$58,467
00047 C	CY3 Rev A							\$0
00049	CY7 Basic	LETF Shuttle Operations Testing Support						\$365,095
00050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						\$0
00051 C	CY6 Rev A	GSE Controls Integration						\$1,385,257
00052	CY6 Rev B	Command and Control Laboratory Infrastructure						\$278,844
00053 C	Basic	Upgrade Hypergol Flow Meters Support						\$0
00054	CY7 Basic	SSPF Transducer Laboratory Support						\$27,704
00056 C	CY4 Rev B	Shuttle Transducer Development						\$72,267
00057	CY7 Basic	Shuttle Transducer Obsolescence						\$828,605
00058 C	CY2 Basic	In-Situ Pressure Calibration System						\$0
00059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						\$29,877
00060 C	Basic	Acoustic Scaling Methodologies						\$0
00061 C	Rev A	Advanced Hazardous Gas Detection System Development						\$0
00062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						\$0
00063	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$829,424
00064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						\$0
00070	CY7 Basic	SBIR/STTR Support						\$121,760
00071 C	CY3 Rev B	LETF DOD Load Testing Support	\$0		\$0	\$0	\$0	
00072 C	CY2 Rev A	E-nose for ISS and EVA	\$0		\$0	\$0	\$0	
00074 C	CY 2 Basic	Technical Documentation Database System	\$0		\$0	\$0	\$0	
00076 C	Basic	Laser Processing of Spaceport Materials	\$0		\$0	\$0	\$0	
00078 C	CY2 Basic	Capcitance Based Sensors	\$0	\$0	\$0	\$0	\$0	\$0
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Base Perio	od Task Order	Summery			CY 0	4	
Task			Total Adjusted		Total		
Order	_		Target Labor	Other Direct	Estimated		Incentive
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee Total Cost & fee
00079 C 00080 C	CY3 Basic CY6 Rev A	NGLT Project Management Support Software Process Improvement Effort	\$0	\$0	\$0	\$0	\$0 \$0 \$135,806
00081	CY7 Basic	MSBLS Flight Inspection System Support					\$107,100
00082 C	CY2 Rev A	Flight Modern Project					\$0
00083	CY7 Basic	Electronics Infrastructure					\$165,422
00084	CY7 Basic	Range Infrastructure					\$258,438
00085	CY7 Basic CY7 Basic	Weather Projects Support Autonomous Flight Safety System (AFSS)					\$35,406 \$270,071
00087	CY7 Basic	Emerging Communication Technology (ECT)					\$590,091
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)					\$373,680
00089 C	CY2 Rev B	Intelligent Cable Tester					\$0
00090 C 00091 C	CY3 Rev B Basic	KCCS Infrastructure Conversion					\$0
00092	CY7 Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev NAVAIDS Flight Inspection System Development					\$0 \$115,2 <b>0</b> 8
00093 C	CY2 Rev A	Airborne Particle Counting					\$115,206
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line					\$478,920
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support					\$0
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II					\$0
00099 C 00102	CY3 Basic CY6 Rev C	Sonic Lightning Locator (SOLLO) Upgrades Agency Security Update Service (ASUS)					\$0
00105 C	Basic	Failsafe Jackscrew					\$153,086 \$0
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist					\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads					\$0
00119 C	Basic	WB TAU Certification for Flowliner					\$0
00120 C 00121 C	Basic Basic	Cryolab Oxygen Monitor Fire Detection Evaluation					\$0 \$0
00121 C	Basic	Support Equipment Coating Study					\$0 \$0
00123 C	Rev A	RWGS					\$0
00125 C	CY4 Rev A	Minature Smart Leak Sensor					\$50,612
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures					\$0
00127 C 00131 C	Basic CY3 Rev B	Spaceport Processing System LPS Survivability Task KSC BTU Measurement System	-				\$0
00131 C		Development of Portable Hydrazine Detector					\$0 \$0
00134 C	Rev B	STS-107 Investigation Support					\$0
00135 C		Hydrazine Detection Systems (Mini Mass Spectrometer)					\$2,681
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts					\$0
00140 C 00141 C	CY2 Rev A CY2 Rev A	Thermal Insulation System Retrofit Orbital Space Plane (OSP) Systems Engineering					\$0
00141 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor					\$0 \$5,555
00143 C	Basic	Systems Engineering Tools Assessment					\$0
00144 C	CY 2 Rev B						\$0
00145 C	CY 2 Rev B						\$0
00146 C 00147 C	Rev A Basic	ELV Lightning Detection Support					\$0
00147 C	CY2 Rev C	Orbital Space Plane (OSP) Project MGMT Support Project Admin for the ASR-11 Shiloh RADAR					\$0 \$0
}		•					
00149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing					\$0
00150 C 00151 C	Basic CY 2 Rev B	Remote Imaging of Hydrogen and Helium Leaks Payload/Fairing Flowfield Testing for CFD Validation - Phase I					\$0
00151 C	Basic	Long Distance Transfer Piping					\$0 \$0
00152 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement					\$0 \$0
00154 C	CY 2 Rev B	OTV System Modernization					\$0
00155	CY7 Basic	LSP instrumentation Support					\$14,357
00156 C 00157 C	CY 2 Rev C Basic						\$0
00157 C	CY4 Rev C	Seawater Immersion Facility Support Non-Destructive Examination Support in Preparation for RTF					\$0 \$265.025
00159 C	CY4 Rev B	Millimeter Wave Imaging Support					\$265,025 -\$344,999
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt					\$0
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test					\$0
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System					\$0
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support					\$0
00164 C 00165 C	CY2 Rev A CY2 Basic	Certification of Mech Failure Analysis Lab GHE & GN2 Panels RF Health Node					\$0 \$0
00166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades					\$0 + \$0
00168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project					! \$0
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel					\$0

Base Perio	od Task Order	Summary			CYO	4		
Task			Total Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost & fee
		ATDC Engineering Study and Implementation Plan	\$0	\$0	\$0	\$0	\$0	\$0
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support	\$0	\$0	\$0	\$0	\$0	\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster	\$0	\$0	\$0	\$0	\$0	\$0
00176 C 00177 C	CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)	\$0	\$0	\$0	\$0	\$0	\$0
00177 C	CY2 Rev A	Hyper Spill Detection System	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0
	CY2 Rev E	New Microencapsulated Membrane	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)	\$0	\$O	\$0	\$0 \$0	\$0 \$0	\$0 \$0
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
00183 C	CY2 Basic	Vision Location System Research	\$0	\$0	\$0	\$0	\$0	\$0
00184 C	CY2 Rev A	LASER Repair Applications	\$0	\$0	\$0	\$0	\$0	\$0
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements	\$0	\$0	\$0	\$0	\$0	\$0
00186 C	CY2 Rev B	Application of AGDP to after Surface Properties of Materials	\$0	\$0	\$0	\$0	\$0	\$0
00187	CY7 Basic	Hazardous Gas Detection Applications					11	\$1,031,650
00188 C	CY2 Rev A	Intelligent Algorithms						\$0
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$343,577
	CY2 Basic	Knowledge Management for Ground Processing						\$0
	CY3 Rev C CY4 Rev A	Impact Penetration Sensor System for RC & LI900 Tile						\$0
	CY4 Rev A	Return to Flight Ground Camera Project						\$169,093
	CY4 Basic CY4 Rev A	USTDC RTF Project Mgt and Technincal Expertise Ground Processing Shop Aids and Tools						\$23,968
	CY2 Rev A							\$206,346
•		Launch System Testbed Q&M						\$0 \$32,271
	CY3 Rev C							\$3≥,≥/1 \$0
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$0
00204 C	CY2 Basic	Development of Acoustic Estimate Tool						\$0
00205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed						\$0
	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency						\$18,502
00207 C	CY3 Rev C	Ablator Impact Testing						\$0
00208 C	CY3 Rev A	'Wireless Networks and Sensors						\$0
00209 C	CY2 Rev B	ESS Wireless Network Installation						\$0
00210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$1,867,099
00211 C 00212 C	CY2 Basic CY4 Rev A	System Administrator Certifications PCG2 System Support						\$0
00212 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$39,208
	CY2 Rev A	HyTEX RF Health Node						\$18,702
	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$0
	CY5 Rev A	NAVAIR Coatings Study						\$0
	CY6 Rev A	ASTWG/ARTWG Conference Support						\$13,062 \$6,083
	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$0,063
00220	CY7 Basic	Non-Governmental VCS's and Standards						\$28,434
	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$0
	CY5 Rev A	NESC Technical Support						\$36,013
	CY2 Basic	Coriolis Flow Meter Testing						\$0
	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$0
	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$0
	CY4 Rev B CY3 Rev B	Detection & Measurement of Water in Spaceflight Materials						\$80,473
	CY3 HeV B	NOAA-A GN2 Cooler System Documentation						\$0
	CY5 Basic	De-painting Technology for Structural Steel Polyurethane Replacement Coatings						\$22,261
	CY4 Rev A	Intergated Intelligent Health Management System (OSF)						-\$42,941
	CY4 Rev B	Self Validating Thermocouple System						\$71,859
	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval						\$49,946
	CY2 Rev A	Environmental Monitoring Support						\$0
	CY3 Rev A	System Component Selection Tool Demonstration Project						\$0
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline						\$0
	CY2 Rev A	Hypergolic Trigger Level Sensor						\$0
	CY3 Rev A	Debris Recognition Camera Image Analysis						\$0
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)						\$0
	CY2 Rev B	Birnettalic Emulsion for PCB Extraction						\$231,053
								\$0
00241 C	CY4 Rev A	Boeing Space Station Support						
	CY4 Rev A CY3 Rev A	Boeing Space Station Support Usability Study of Virtual and Simulation Environments						\$3,885 \$0

Base Perio	od Task Orde	Summary			CY 0			
Task Order			Total Adjusted Target Labor	Other Direct	Total Estimated		Incentive	
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost & fee
00247 C	CY3 Rev A	Construction and Demolition Debris Characterization	\$0	\$0	\$0	\$0	so so	\$0
00248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation			•	•	•	\$348,758
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						\$0
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$0
00253 C 00254 C	CY4 Rev A	Chemical Vapor Detection Expertise						\$30,329
00255 C	CY3 Rev E	Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise						\$22,633
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$0
00257 C	CY5 Basic	Electrostatics and Surface Research						\$68,842
00258 C	CY5 Rev B	Environmental Remediation Expertise						\$371,361 \$86,042
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$335,381
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support		~-				\$0
00261 C	CY4 Basic	Commodity-Free Calibration						\$83,665
00262 C 00263 C	CY3 Rev E CY5 Rev A	Cryogenics Testbed Stand Down Recovery Plan Physics of Rocket Exhaust Cratering						\$0
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						\$39,970
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$0
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$68,562
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$15,476
00269 C	CY4 Rev A							\$0 \$2,634
00270 C	CY5 Rev. A	VAB Roof Remediation Support						\$4,577
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$0
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$0
00273 C		Cryogenic Applications of Shape Metal Alloy Technology						\$18,589
00274 C		Lanthanide Based Hydrogen Sensitive Coatings						\$0
00275	CY7 Basic	CTC Program Support						\$131,456
00276 C	CY 4 Basic	SOLLO Installation Support						\$31,790
00277 C 00279 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$95,656
	CY5 Rev B	KSC Network Device Registry System						\$89,613
00280 C 00281 C	CY3 Basic CY3 Rev B	Wireless Sensor Networks Advanced Cable Tester Development						\$0
00281 C		RESOLVE						\$0
00282 C	CY3 Rev C	External Tank Infrared Radiation Heating						\$113,203
00284 C	CY3 Rev A	AVEMS CARTA 2005						\$0
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production						\$0
00286 C	CY3 Rev A	Lunar Regolith						\$9,050
00287 C	CY4 Rev B	Dust Particle Mitigation						\$0 \$14,587
00288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$29,144
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr						\$27,466
00290 C	CY3 Basic	ESS Wireless Network Installation						\$0
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$0
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$63,367
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$14,355
00294 C	CY5 Basic	EZVI Materials testing						\$38,721
00295 C 00296 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$0
00296 C	CY6 Rev B CY6 Rev. B	Chemochromic Hydrogen Detection Expertise OCE and SMO Technical Support						\$123,545
00297	CY6 Rev B	Complex 20 Cryogenic Engineering Support						\$48,594
00299 C	CY3 Basic	VAB Siding Coatings Testing						\$38,211
00300 C	CY3 Basic	Black Powder Phenomena Study						\$0 \$0
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						• -
00303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						\$5,588 \$3,393
	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$3,393 \$42,269
	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						\$63,318
00307 C	CY4 Rev A	EVM Process Documentation						\$15,734
00308 C	CY5 Rev A	NDE Support at Michoud						\$157,890
00309 C	CY4 Basic	HLA for SGOS Research Activity						\$0
	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$98,293
00311	CY7 Basic	Infrastructure						\$693,384
	CY4 Rev F	EVM Preparation						\$79,066
	CY4 Rev A	Near Field MSBLS Navset Development						\$130,026
	CY5 Rev C	Advance Materials for Aerospace Applications						\$147,227
00317	CY6 Rev B	Imaging Systems Support						\$1,061,105

ase Perio	od Task Order	Summary	CY 04						
Task Order			Total Adjusted Target Labor	Other Direct	Total Estimated		Incentive		
:=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	Total Coat & f	
0318 C	CY5 Rev A	Active Ice Mitigation Technologies	•					\$53,1	
0319 C	CY4 Rev A	Advance Technology Development Center Support						\$43,7	
0320 C	CY5 Rev A	KCCS Technology Update						\$294,0	
0321 C	CY4 Rev A	ESS Security						\$24,0	
0322	CY6 Rev A	Electrostatic Separation of Regolith						\$125,9	
0323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$25,0	
0325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$19,9	
0326 C	CY4 Rev D	SETI Migration						\$17,8	
0327	CY7 Basic	Launch Site Quick Response Technical Support						\$565,4	
0328	CY7 Basic	NESC Technical Support						\$173,1	
0329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining						\$169,2	
0330 C	CY4 Rev C	RTF Test Site Closeout						\$39,3	
0331 C	CY5 Rev F	Constellation Engineering Support						\$5,438,8	
0332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$74,5	
0333	CY7 Basic	NASA AP2 Program Support						\$16,1	
0335	CY7 Basic	LETF Constellation Program Support						\$941,4	
0336 C	CY4 Rev A	IMU Simulator						\$45,0	
0338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						\$85,0	
0339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development						\$80,0	
0340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings						\$83,7	
0341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems						\$75,0	
0342	CY7 Basic	Oxygen Production by Molten Salt						\$103,1	
0343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$96,0	
0344	CY7 Basic	Regolith Volatile Characterization Expertise						\$66,7	
0345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$98,8	
0346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$68,	
0347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$56,	
0348	CY7 Basic	IT Baseline Configuration Management Support						\$56,4	
0349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$100,0	
0350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						\$94,	
0351 C	CY5 Rev A	Solar Water Cracker						\$86,6	
0352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$2.8	
0353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$28,0	
0354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$25,0	
0355	CY7 Basic	Birnetalic Treatment System for PCB Removal						\$19,	
0356 C	CY5 Rev B	Lightning Protection System Design						\$187,9	
0357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$29,	
0359	CY7 Basic	KT Directorate Engineering Technical Services Support						\$24,	
0360 C	CY4 Rev B	Lightning Monitoring System Support						\$30,7	
0361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$111,	
0362	CY7 Basic	Laboratory Relocation to SLSL						\$8.	
0363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$45,	
0364 C	CY5 Rev C	Bird Abatement						\$237,	
0365	CY7 Basic	NASA-STD-5008A Revision Support						0_0.,	
0366	CY7 Basic	Operational Imaging Support						\$27.	
0367	CY7 Basic	Consumables Transfer Technology Development Project						\$19.	
0368	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants						<b>\$</b> 3,	
0369	CY6 Rev B	Command, Control & Communication Development (CxP)						\$187,	
0370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$170.	
0371 C	CY5 Rev. B	· ·						\$18,	
0372	CY7 Basic	Shuttle Transition and Retirement						\$35.	
0373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$14.	
0374 C	CY5 Rev A	3-D Scene Analysis						\$13,	
0375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$11,	
0375 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						\$32.	
0377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						\$2,	
0378	CY7 Basic	Specifications and Standards - CxP						92,	
0379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$8.	
0380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$6, \$4,	
0381 C	CY6 Rev B	Safety and Mission Assurance CxP Support						\$41,	
0382	CY6 Rev C	Constellation Business Management						\$335.	
0383 C	CY5 Rev B	Architecture of a Lunar Instrument						, p.3.35,	
0384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$78,	

#### Base Period Task Order Summery Task Order C=Ciosed Revision 100385 CY6 Rev C Constellation Project Configuration Managemen CY7 Basic Command and Control ARES 00386 00387 C CY5 Rev A Smart Network Elements (SNE) Prototype Fabrication CY6 Rev A Launch Coating Operations Support กกรอด CY6 Rev. A CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi CY5 Rev. B ARES I-1 Pull-Off Umbillical Testing Preparations 00390 C CY7 Basic VAB High Bay Modification CY6 Basic LCC Firing Room #1 Modification 00303 00394 CY7 Basic Hangar AF Modification 00395 C CY5 Rev. A Ares I-1 Pad B Integration 00396 CY7 Basic Constellation LC-39B Integration CY7 Basic Eval of Lunar Soil Excavation and Handling Concepts CY7 Basic CLV Mobile Launcher (ML) Project Management 00398 CY6 Basic Window Defect Inspection Device CY7 Basic USTDC Design and Development Support 00400 00401 C CY5 Rev C Advanced Communications Development Laboratory Support 00402 C CY6 Rev B Simulation and Analysis of Launch Teams (SALT) 00403 CY6 Basic LSE Communications System Support 00405 C CY6 Rev A Application of Dust Screen Electrodes 00406 C CY5 Rev. A Electrostatic Characterization of Lunar Dust 00407 C CY5 Rev. A Impregnation of Lunar Simulant with SEZVI 00408 C CY5 Rev A Low Temp Processing of Lunar Regolith to Produce O2 00409 CY7 Basic O2 Production System Modeling 00410 CY7 Basic Integration Support to Const (CxP) Ground Syst Development 00411 C CY5 Rev B Cryogenic Tank Insulation Test Support 00412 CY6 Rev H Dust Mitigation 00415 CY6 Rev A NASA Consolidation of Active Directory Support 00416 C CY6 Rev A Coatings Support 00418 C CY5 Rev C Particle Ejection and Levitation Tracker (PELT) Sensor 00419 CY7 Basic Synthesis Assembly of Alloned Carbon Nanatube Arrays 00420 C CY5 Rev B LIVIS-CWLIS Performance Analysis 00421 CY7 Basic Multi-Mission Support Equip (MMSE) For CxP 00422 CY6 Rev B Non-Destructive Evaluation Technologies Development CY7 Basic Pad B Elec Syst Formulation Supp Exploration Ground Syst 00423 00424 C CY5 Rev C S&MA Support for Comand, Control & Communications 00425 CY6 Rev D CLV ML Fluid Systems 00426 CY7 Basic Electrical and Control & Data Division EDL Lab Support CY6 Basic Solar Thermo Molecular Sieve H2/O2 Production 00427 00428 C CY6 Rev B LO2 Storage Tank Aerogel Ins. Tech. Demo. 00429 CY7 Basic Data Presentation and Visualization CY6 Basic Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst 00430 00431 C CY6 Rev A Digital Image Inspection for Spacecraft Processing 00432 C CY6 Rev B High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks 00433 C CY5 Rev B Photonic Bandgap (PBG) Shielding Technology 00435 C CY6 Rev A AR7 Coating Replacement 00436 C CY6 Rev A Polyimide Based Powder Coatings 00437 C CY5 Rev C GN2 Filtration Using Electrostatic Methods 00438 C CY6 Rev A IR Leak Visualization 00439 C CY5 Rev A Acceptance Testing Digital Video Transmission Syst CY7 Basic IPP Ground Operations Health Management 00440 00441 CY7 Basic IPP Self-Healing Wiring 00442 C CY5 Rev A Fluid Dynamics Conference Manuscript 00443 C CY5 Rev B Integrated Ground Ops. Health Management (IGOHM) 00444 CY7 Basic IPP Nanosensors 00445 CY7 Basic White Light Interferometric Depth Gage 00446 C CY5 Rev.B Transient Voltage Monitor & SOLLO Modification 00447 CY7 Basic Hypergol Detection 00448 CY6 Basic PC Based Command & Telemetry Workstation 00449 C CY6 Rev B Coastal Radar Video Surveillance System CY7 Basic CTC Equipment Obsolescence Implementation 00451 C CY5 Rev B Experimental Imaging Lab Infrastructure 00453 CY7 Basic ML Electrical Sys. Supp. for Constellation Ground Sys.

00454 C CY5 Rev A ATM Transmission System Replacement

Total Adjusted Target Labor Costs	Total Other Direct Estimated Costs Cost		Award Fee	Incentive Fee	Total Cost & fee
\$0	\$0	\$0	\$0	\$0	\$0 \$806

Task Order		
C=Closed	Revision	Title
00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support
00457 00458	CY6 Rev A CY7 Basic	Materials Science Lab Support
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Suppor
00461	CY7 Basic	Engineering Analysis for Constellation TEERM and AFSPC Program Support
00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion
00467	CY6 Rev A	NASA Lessons Learned Program Support
00468	CY7 Basic	Polymer Science and Technology Lab Support
00469	CY6 Rev B	Electrostatic Research on Martian Soil
00470	CY7 Basic	Excavation Hardware Development
00471	CY7 Basic	Lunar Soil Dust Standards Development
00472	CY7 Basic	IT System Services infrastructure
00473 00474	CY7 Basic	US Army Vehicle Coating Study
00474 00475	CY6 Basic CY6 Rev B	CLV/VEV Processing & Access GSE in the VAB
00475 00476	CY5 HeV B	Hangar AF GSE for CxP KSC Hydrogen Dispensing Station
00476	CY7 Basic	Corrosion Labs
00478	CY7 Basic	Applied Chemisty Labs Infrastructure
00479 C	CY6 Rev B	
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Basic	ISRU Beneficiation
00482	CY7 Basic	Heatshield Adapter
00483	CY6 Rev B	ATXS Replacement Support
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY6 Rev B	the state of the s
00486	CY7 Basic	Design Engineering Handbook
00487	CY7 Basic	XPS Support
004 <b>88</b> 004 <b>8</b> 9	CY6 Rev C CY7 Basic	Shuttle Lightning Instrumentation Support
00490	CY7 Basic	Excavation Modeling System ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492	CY6 Basic	Infrared Camera-Based Fire Detection
00493	CY7 Basic	Remote Measurements of Glass Defects
00494	CY7 Basic	PELT Sensor - Phase 2
00495	CY7 Basic	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Basic	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements
00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501 00502	CY7 Basic CY7 Basic	Software Process Improvement Physics Concepts Support
00502 00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad
00507	CY6 Basic	Helium Sensing & Purge Gas Reclamation
00508	CY7 Basic	GMSSL Infrastructure Support
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Basic	New Materials for Structural Composites and Conductive Coa
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512	CY6 Rev D	
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY5 Rev C	Mechanical Systems Dust Assessment
00515 00521	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tec
	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev
00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation
	CY7 Basic CY6 Rev A CY7 Basic	NASA Materials Science WCSP/WCSD Server Sys. Admin. Photonic Bandgap (PBG) Shielding Technology Phase II

		CY	04		
Total Adjusted		Total	,		
Target Labor Coets	Other Direct Costs	Estimated Cost	Award Fee	Incentive Fee	Total Cost & fee

CY 04

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Task Order				Other Direct	Total Estimated		Incentive	<b>-</b>
C≕Closed		Title	Costs	Costs	Cost	Award Fee	Fee	Total Cost & fe
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A							
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						
00536	CY7 Basic	Mars Architecture Team (MAT) Study						
00537	CY6 Basic	Crawlerway Foundation Study						
00538	CY6 Rev A	PAD 39B CLV LH2						
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
00540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						
00543	CY7 Basic	LSP Facilities Project Management Support						
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
00546	CY6 Basic	Software Development for Rapid Propellant Loading						
00547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						
00549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						
00550	CY7 Basic	LETF Constellation Test Support						
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						
00557	CY7 Basic	ESTCP Coating Test						
00558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
00560	CY7 Basic	• • • •						
		MPPF Upgrade CxP Project Support						
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
00563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
00572	CY7 Basic	Propellant Conditioning						
00573	CY7 Basic	Constellation Logistics Support Analysis						
00574	CY7 Basic	VIE Handling and Access GSE Design						
00575	CY7 Basic	IT Communications System Support						
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						
00577	CY7 Basic	Launch Vehicle Processing Business/Technical Resource						
00578	CY7 Basic	ISS and Spacecraft Processing Support						
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584	CY6 Basic	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						\$31,807,44
		ADJUSTMENT TO ACTUALS						-\$95,70
								\$31,711,74

Jeen Frei IC	od Task Order	Julianal y	L		CY 0	5		
Task			Adjusted		Total			
Order		r	Target Labor	Other Direct	Estimated		Incentive	Total Cost &
=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
0001 C 0002	Rev B	60 Day Transition Task Order	\$0	\$0	\$0	\$0	\$0	
0003 C	CY7 Basic Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs Corrosion Resistant Tubing						\$389,3
0004 C	CY4 Basic	Applied Physics Infrastructure Support						
0005 C	CY5 Rev D	Corrosion Test-bed						
0006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure						\$358,8
00007 C	Rev B*	Hydrogen Peroxide Decomposition						\$358,9
00008 C	Rev A							
00009 C	CY2 Basic	Galvanic Coatings for Protection of Concrete						
00012 C	Rev B	Army Corrosion Retardant Additive Testing lonic Liquids						
0013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention						
0014 C	CY 2 Rev B	OTV Modernization						
0015	CY6 Rev C	Communications Engineering Infrastructure						
0016 C	CY2 Basic	Network Architecture & Routing Protocols						\$378,2
0017 C	Basic	KSC LAN Documentation and User Guides						
0018 C	CY4 Rev B	Advanced Communications Development						3
00019 C	CY4 Rev C	Fiber Optics Lab Projects						:
0020	CY7 Basic	IT Systems & Security Technologies						\$211,5
0021 C	CY2 Rev A	Network Service Level Assessment (NSLA)	so	\$0	\$0	\$0	\$0	\$211,5
0022 C	Basic	Ultra Wideband (UWB) Commincation Technology	\$0	\$0	\$0	\$0	\$0	
0023 C	Basic	Remote Monitoring and Alarm System (RMAS)		1013		.no	0	
0024 C	CY1 Basic	Emergency Broadcast Cable TV Alert System					0	
0025 C	Rev A	Halon Replacement					)	
0026	CY 7 Basic	Electrostatics and Materials Physics Testbed					,	\$71,2
0028 C	CY2 Rev B	Electrostatic & Surface Physics R&D						\$71,2
0029 C	Basic	Payload Contamination Monitoring						
0030	CY7 Basic	Development of KSC Infrastructure Documentation						\$60,5
10031	CY7 Basic	Miscellaneous Operations Support						\$42.4
00032 C	CY4 Basic	Proof-of-Concept Support						φ+ <b>2</b> ,4
0033	CY7 Basic	LETF & instrumentation O&M						\$1,445,0
0034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1	\$0	\$0	\$0	\$0	\$0	ψ1,440, <b>0</b>
0035 C	CY3 Basic	LOX Pump Qualification Testing	\$0	\$0	\$0	\$0	\$0	
00036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M	\$0	\$0	\$0	\$0	\$0	
0038 C	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M	\$0	\$0	\$0	\$0	\$0	
00039 C	Basic	PGHMA Enhancements and Technical Support	\$0	\$0	\$0	\$0	\$0	:
00041 C	CY3 Rev B	Systems Engineering (NGLT)	\$0	\$0	\$0	\$0	\$0	:
00042	CY7 Basic	Engineering Technical Services Support & CAD/CAE Support						\$255,0
00043	CY7 Basic	Innovative Partnership Program Office Support						\$588,2
0044 C	Rev A	ARTWG/ASTWG Integration and Conference Support						
0045	CY7 Basic	Procedures						\$54,1
0046	CY6 Rev. A							
0047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support						;
0049	CY7 Basic	LETF Shuttle Operations Testing Support						\$359,7
0050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000						
0051 C	CY6 Rev A	GSE Controls Integration						\$1,210,0
0052	CY6 Rev B	Command and Control Laboratory infrastructure						\$289,3
	Basic	Upgrade Hypergol Flow Meters Support						
0054	CY7 Basic	SSPF Transducer Laboratory Support						\$2,2
0056 C	CY4 Rev B	Shuttle Transducer Development						
0057	CY7 Basic	Shuttle Transducer Obsolescence						\$451,6
0058 C	CY2 Basic	In-Situ Pressure Calibration System						
0059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard						
0060 C	Basic	Acoustic Scaling Methodologies						
0061 C	Rev A	Advanced Hazardous Gas Detection System Development						
0062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment						
0063	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$722,6
0064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications						
0070	CY7 Basic	SBIR/STTR Support		_				\$168,0
0071 C	CY3 Rev B	LETF DOD Load Testing Support	\$0	\$0	\$0	\$0	\$0	
	CY2 Rev A	E-nose for ISS and EVA	\$0	\$0	\$0	\$0	\$0	
0074 C	CY 2 Basic	Technical Documentation Database System	\$0	\$0	\$0	\$0	\$0	
0076 C 0078 C	Basic	Laser Processing of Spaceport Materials	\$0	\$0	\$0	\$0	\$0	Ţ
	CY2 Basic	Capcitance Based Sensors	\$0	\$0	\$0	\$0	\$0	

Dase Peric	od Task Orde	r Summary			CY 0	CY 05				
Task			Adjusted		Total					
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &		
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee		
00079 C 00080 C	CY3 Basic CY6 Rev A	NGLT Project Management Support	\$0	\$0	\$0	\$0	\$0	:		
00081	CY7 Basic	Software Process Improvement Effort MSBLS Flight Inspection System Support						\$137,19		
00082 C	CY2 Rev A	Flight Modern Project						\$114,10		
00083	CY7 Basic	Electronics Infrastructure								
00084	CY7 Basic	Range Infrastructure						\$86,39		
00085	CY7 Basic	Weather Projects Support						\$200,53		
00086	CY7 Basic	Autonomous Flight Safety System (AFSS)						\$23,20		
00087	CY7 Basic	Emerging Communication Technology (ECT)						\$331,0		
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$646,52 -\$4		
00089 C	CY2 Rev B	Intelligent Cable Tester						-54		
00090 C	CY3 Rev B	KCCS Infrastructure Conversion								
	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						ì		
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						\$51,4		
	CY2 Rev A	Airborne Particle Counting						001,4		
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$147,87		
	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						,		
	CY 2 Rev B	Launch Exhaust Management Systems Phase II								
	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades								
00102	CY6 Rev C	Agency Security Update Service (ASUS)						\$343,2		
	Basic Basic	Failsafe Jackscrew	\$0	\$0	\$0	\$0	\$0			
	CY3 Basic	Closed-end Launch Tube (CELT) Pruematic Launch Assist	\$0	\$0	\$0	\$0	\$0			
	Basic	Camera Measurement System for Payload Positioning at Pads	\$0	\$0	\$0	\$0	\$0			
	Basic	WB TAU Certification for Flowliner	\$0	\$0	\$0	, \$0	\$0			
	Basic	Cryolab Oxygen Monitor Fire Detection Evaluation	\$0	.\$0	<b>\$</b> 0	sn.	€0			
	Basic	Support Equipment Coating Study						•		
	Rev A	RWGS						5		
	CY4 Rev A	Minature Smart Leak Sensor								
	CY3 Rev A	Corrosion Testing of Airplane Wing Structures						\$		
	Basic	Spaceport Processing System LPS Survivability Task						\$		
	CY3 Rev B	KSC BTU Measurement System						5		
	CY2 Rev B	Development of Portable Hydrazine Detector						S		
	Rev B	STS-107 Investigation Support						\$		
		Hydrazine Detection Systems (Mini Mass Spectrometer)								
	CY2 Rev A	Modeling of Advanced Physics Concepts	\$0	\$0	\$0	••		\$10,55		
	CY2 Rev A	Thermal Insulation System Retrofit	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$		
0141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering	\$0	\$0	\$0	\$0	\$0 \$0	\$		
0142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor	\$0	\$0	\$0	\$0	\$0 \$0			
0143 C	Basic	Systems Engineering Tools Assessment	\$0	\$0	\$0	\$0	\$0	\$ \$		
	CY 2 Rev B	Mars Dust Partical Analyzer	\$0	\$0	\$0	\$0	\$0	\$		
	CY 2 Rev B	EVM Support to YA	\$0	\$0	\$0	\$0	\$0	Š		
	Rev A	ELV Lightning Detection Support	•••	60	**	•	***	Š		
	Basic	Orbital Space Plane (OSP) Project MGMT Support						Š		
0148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						Š		
0149 C	CY2 Basic	Retrieval of NACA Deplem Departs the No.						_		
	Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$		
	CY 2 Rev B	Remote Imaging of Hydrogen and Helium Leaks Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$		
	Basic	Long Distance Transfer Piping						\$		
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$		
	CY 2 Rev B	OTV System Modernization						\$		
	CY7 Basic	LSP Instrumentation Support						\$		
		Assessment of Bio and Phy Sample Processing Capabilities	\$0	••				\$20,58		
	Basic	Seawater Immersion Facility Support	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$		
	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$		
	CY4 Rev B	Millimeter Wave Imaging Support	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$		
	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 •0	\$		
	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test	\$0	\$0 \$0	\$0 \$0		\$0 *0	\$		
	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 •0	\$		
	CY2 Rev C	Experiment Management Unit (EMU) Development Support	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$		
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	ş		
	CY2 Basic	RF Health Node	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$		
	CY2 Rev C	Hazardous Environment Equipment Upgrades	\$0	\$0 \$0	\$0 \$0	\$0 \$0		\$		
0166 C	CIENTO									
	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	! S		

Base Perio	d Task Order	Summary	CY 05					
		•	Adlinated		Total			
Task Order			Adjusted Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00170 C		ATDC Engineering Study and Implementation Plan	\$0	\$0	\$0	\$0	\$0	\$0
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support	\$0	\$0	\$0	\$0	\$0	\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support	\$0	\$0	\$0	\$0	\$0	\$0
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
00176 C 00177 C	CY2 Rev D	ISRU Quick Assessment Emulsified Zero-Valent Iron (EZVI)	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$0
00178 C	CY2 Rev A	Hyper Spill Detection System	\$0	\$0	\$0	\$0	\$0	\$0
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material	\$0	\$0	\$0	\$0	\$0	\$0
00180 C	CY2 Rev E	New Microencapsulated Membrane	\$0	\$0	\$0	\$0	\$0	\$0
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)	\$0	\$0	\$0	\$0	\$0	\$0
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00183 C	CY2 Basic	Vision Location System Research	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
00184 C 00185 C	CY2 Rev A CY2 Rev B	LASER Repair Applications Electro-Optic Electric Field Measurements	\$0 \$0	\$0	\$0	\$0	\$0	\$0
00185 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials	\$0	\$0	\$0	\$0	\$0	\$0
00187	CY7 Basic	Hazardous Gas Detection Applications	-		•	•-	•	\$1,219,645
00188 C	CY2 Rev A	Intelligent Algorithms						\$0
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$243,453
00193 C	CY2 Basic	Knowledge Management for Ground Processing						\$0 \$0
00194 C 00195 C	CY3 Rev C CY4 Rev A	Impact Penetration Sensor System for RC & LI900 Tile Return to Flight Ground Camera Project	-					\$0
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise						\$0
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools						\$0
00200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors						\$0
00201 C	CY4 Rev C	Launch System Testbed O&M						\$0
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings						\$0
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System						\$0
00204 C	CY2 Basic	Development of Acoustic Estimate Tool						\$0
00205 C 00206 C	CY2 Rev A CY5 Rev B	Liquid Hydrogen Test Station at Cryogenic Testbed Formulation of Polymer Materials for ESD & Flame Retardency						\$0 \$13,604
00207 C	CY3 Rev C	Ablator Impact Testing	\$0	\$0	\$0	\$0	\$0	\$10,004
00208 C	CY3 Rev A	Wireless Networks and Sensors	60	\$0	\$0	\$0	\$0	\$0
00209 C	CY2 Rev B	ESS Wireless Network Installation		\$0	\$n	\$0	\$0	\$0
00210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$0
00211 C	CY2 Basic	System Administrator Certifications						\$0
00212 C	CY4 Rev A	PCG2 System Support						\$0 \$11,530
00214 C 00215 C	CY5 Rev D CY2 Rev A	Concurrent Technology Corporation (CTC) Coupon Study HyTEX RF Health Node						\$11,530
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$0
00217 C	CY5 Rev A	NAVAIR Coatings Study						\$10,410
00218 C	CY6 Rev A	ASTWG/ARTWG Conference Support					٠.٠	\$1,377
00219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation		\$0	\$0	so.	<b>\$</b> 0	\$0
00220	CY7 Basic	Non-Governmental VCS's and Standards						\$29,461
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration						\$0
00222 C 00223 C	CY5 Rev A CY2 Basic	NESC Technical Support Coriolis Flow Meter Testing						\$12,100 \$0
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation						\$0
00225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project						\$0
00226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials						•
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation						\$0
00229 C	CY4 Rev A	De-painting Technology for Structural Steel						\$0
00230 C	CY5 Basic	Polyurethane Replacement Coatings					ا به	\$73,889
00231 C	CY4 Rev A CY4 Rev B	Intergated Intelligent Health Management System (OSF) Self Validating Thermocouple System	\$0 \$0		\$0 \$0			\$0
00232 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval	\$0	•	\$0			\$0 \$0
00234 C	CY2 Rev A	Environmental Monitoring Support	\$0		\$0			\$0 \$0
00235 C	CY3 Rev A	System Component Selection Tool Demonstration Project	\$0		\$0			\$0
00236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline	\$0	\$0	\$0	\$0	\$0	\$0
00237 C	CY2 Rev A	Hypergolic Trigger Level Sensor	\$0		\$0			\$0
00238 C	CY3 Rev A	Debris Recognition Camera Image Analysis	\$0		\$0			\$0
00239 C	CY4 Rev C CY2 Rev B	Cost Efficient Storage and Transfer (CESAT) Bimettalic Emulsion for PCB Extraction	\$0 \$0		\$0			\$0
00241 C	CY4 Rev A	Boeing Space Station Support	\$0 \$0		\$0 \$0			\$0 ! \$0
00241 C	CY3 Rev A	Usability Study of Virtual and Simulation Environments	\$0		\$0			ļ \$0 \$0
00244 C	CY2 Rev B		\$0		\$0 \$0			\$0 \$0
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Base Period Task Order Summary CY 05								
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C≂Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00247 C		Construction and Demolition Debris Characterization	\$0	02	\$0	\$0	\$0	\$0
00248 C 00249 C	CY5 Rev B CY3 Basic	Moisture/Aging Study of Spray on Foam Insulation Micro-Wireless Instrumentation System Inventory Support						\$174,216 \$0
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$0 \$0
00253 C	CY4 Rev A	Chemical Vapor Detection Expertise						\$0 \$0
00254 C	CY4 Rev A	Analytical Instrumentation Expertise						\$0
00255 C	CY3 Rev E	Wire Insulation and Membrane Expertise						\$0
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$27,634
00257 C	CY5 Basic	Electrostatics and Surface Research						\$40,968
00258 C	CY5 Rev B	Environmental Remediation Expertise						\$27,852
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$0
00260 C 00261 C	CY3 Rev A CY4 Basic	Thermal and Fluids Analysis Workshop Support Commodity-Free Calibration						\$0 \$0
00261 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan						\$0 \$0
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering						\$29,737
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support	\$0	\$0	20	\$0	\$0	\$0
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft	\$0	\$0	\$0	\$0	\$0	\$0
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections	\$0	\$0	\$0	\$0	\$0	\$0
00268 C	CY3 Rev A	TDRSS Transceiver Test Bed Development	\$0	\$0	\$0	\$0	\$0	\$0
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$0
00270 C	CY5 Rev. A	VAB Roof Remediation Support						\$7,494
00271 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$0
00272 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$0
00273 C		e Cryogenic Applications of Shape Metal Alloy Technology						\$0
00274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						\$0
00275	CY7 Basic	CTC Program Support						\$160,824
00276 C 00277 C	CY 4 Basic CY4 Rev B	SOLLO Installation Support SAA Support for NASA GSE Controls Integration Project						\$0
00277 C	CY5 Rev B	KSC Network Device Registry System						\$0 \$19.936
00280 C	CY3 Basic	Wireless Sensor Networks	\$0	\$0	\$0	\$0	\$0	\$15,530
00281 C	CY3 Rev B	Advanced Cable Tester Development	\$0	\$0	\$0	\$0	\$0	\$0
00282 C		RESOLVE	\$0	\$0	\$0	\$0	\$0	\$0
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating	\$0	\$0	\$0	\$0	\$0	\$0
00284 C	CY3 Rev A	AVEMS CARTA 2005	\$0	\$0	\$0	\$0	\$0	\$0
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production	\$0	\$0	\$0	\$0	\$0	\$0
00286 C	CY3 Rev A	Lunar Regolith	\$0	\$0	\$0	\$0	\$0	\$0
00287 C	CY4 Rev B	Dust Particle Mitigation	<b>≯ \$</b> 0	\$0	\$0	\$0	\$0	\$0
00288 C	CY4 Rev A	ISHM Testbed and Prototypes	\$0	\$0	\$0	\$0	\$0	\$0
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mtr	\$0	\$0	\$0	\$0	\$0	\$0
00290 C	CY3 Basic	ESS Wireless Network Installation	\$0		\$0	\$0	\$0	\$0
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
00292 C 00293 C	CY4 Rev A CY4 Rev C	Signal Conditioning for Nan Sensors Hex Chrome Alternative Coating Testing	\$0 \$0		\$0	\$0	\$0 \$0	\$0
00293 C 00294 C	CY5 Basic	EZVI Materials testing	. 40	40	40	40	30	\$5,222
00294 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$0
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$148,960
00297	CY6 Rev. B	OCE and SMO Technical Support						\$137,817
00298	CY6 Rev B	Complex 20 Cryogenic Engineering Support						\$68,002
1	CY3 Basic	VAB Siding Coatings Testing						\$0
00300 C	CY3 Basic	Black Powder Phenomena Study						\$0
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$479
00303 C	CY5 Rev. B	Coatings Support for Exploration & Space Port Design						\$14,770
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng					ų.	\$0
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission		**	• •	•		\$0
00307 C	CY4 Rev A	EVM Process Documentation						\$0
00308 C	CY5 Rev A	NDE Support at Michoud						\$10,152
00309 C	CY4 Basic	HLA for SGOS Research Activity						
00310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$641,724 \$899.846
00311 00312 C	CY7 Basic CY4 Rev F	Infrastructure EVM Preparation						\$899,846
00312 C	CY4 Rev A	Near Field MSBLS Navset Development						\$0
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications						\$35,201
00317	CY6 Rev B	Imaging Systems Support						\$1,013,854
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dase Perto	d Task Order	Summary	CY 05						
Task			Adjusted		Total				
Order C≃Closed	Revision	Title	Target Labor	Other Direct	Estimated		incentive	Total Cost &	
00318 C		Active Ice Mitigation Technologies	Costs	Costs	COST	Award Fee	Fee	100	
0319 C	CY4 Rev A	Advance Technology Development Center Support						\$40,00 \$	
00320 C	CY5 Rev A	KCCS Technology Update						\$130,16	
00321 C	CY4 Rev A	ESS Security						\$130,10	
00322	CY6 Rev A	Electrostatic Separation of Regolith						\$118,92	
00323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$110,92 \$	
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$10.81	
00326 C	CY4 Rev D							\$10,01	
00327	CY7 Basic	Launch Site Quick Response Technical Support						\$116,07	
00328	CY7 Basic	NESC Technical Support						\$31,41	
00329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining						\$15,93	
00330 C	CY4 Rev C	RTF Test Site Closeout							
00331 C	CY5 Rev F	Constellation Engineering Support						\$3,201,79	
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis							
00333	CY7 Basic	NASA AP2 Program Support						\$33,97	
00335	CY7 Basic	LETF Constellation Program Support						\$6,359,75	
00336 C	CY4 Rev A	IMU Simulator							
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control							
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development							
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings						\$6,09	
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems							
00342	CY7 Basic	Oxygen Production by Molten Salt						\$451,31	
00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$313,3	
00344	CY7 Basic	Regolith Volatile Characterization Expertise			*	• • • •		\$242,4	
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$67,7	
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$209,50	
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$51,14	
00348	CY7 Basic	IT Baseline Configuration Management Support						\$124,39	
00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node							
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller							
00351 C	CY5 Rev A							\$30,13	
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$112,14	
00353 C	CY5 Rev B	NDE Super Problem Resolution Team Support						\$47,12	
00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery							
00355	CY7 Basic	Birnetalic Treatment System for PCB Removal						\$101,18	
	CY5 Rev B	Lightning Protection System Design						\$185,95	
	CY4 Rev B	EMDS Multiplexer Prototype Fabrication							
00359	CY7 Basic	KT Directorate Engineering Technical Services Support						\$52,42	
00360 C 00361 C	CY4 Rev B	Lightning Monitoring System Support							
0362	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$78,07	
0363	CY7 Basic	Laboratory Relocation to SLSL						\$153,30	
	CY5 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$190,64	
00365	CY7 Basic	Bird Abatement						\$139,17	
00366	CY7 Basic	NASA-STD-5008A Revision Support						\$15,60	
00367	CY7 Basic	Operational Imaging Support						\$59,18	
201367 201368	CY7 Basic	Consumables Transfer Technology Development Project Geotechnical Testing with Lunar Soil Simulants						\$179,82	
00369	CY6 Rev B							\$69,31	
0370	CY7 Basic	Command, Control & Communication Development (CxP) Command, Control & Communication PM/SE and I (CxP)						\$1,602,19	
		Validation of CFD Analysis w LDV Test Data						\$2,517,93	
0372	CY7 Basic	Shuttle Transition and Retirement						\$41,9	
0372	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$181,37	
0374 C	CY5 Rev A	3-D Scene Analysis						\$86,40	
0375 C	CY5Rev. A	• • •						\$22,77	
		Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & PL Processing (CxP)						\$39,72	
	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						م	
0378	CY7 Basic	Specifications and Standards - CxP						\$119,06	
	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$424,93	
0380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$1,021,84	
	CY6 Rev B	Safety and Mission Assurance CxP Support						\$367,81	
0382	CY6 Rev C	Constellation Business Management						\$784,96	
0383 C	CY5 Rev B	Architecture of a Lunar Instrument						\$2,249,53	
0384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$25,76	

Dase Ferr	od Task Orde	r Summery	CY 05						
Task			Adjusted		Total				
Order			Target Labor	Other Direct	Estimeted		Incentive	Total Cost 8	
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee	
00385		Constellation Project Configuration Management						\$881,20	
00386	CY7 Basic	Command and Control ARES						\$215,26	
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$42,04	
00388	CY6 Rev A	Launch Coating Operations Support						\$13,54	
00389 00390 C	CY5 HeV. A	CLV Mt. Umbilicals, Vehicle Damper & CM Access Syst Desi						\$1,532,89	
00390 C	CY7 Basic	ARES I-1 Pull-Off Umbillical Testing Preparations						\$1,05	
00393	CY6 Basic	VAB High Bay Modification LCC Firing Room #1 Modification						\$278,19	
00394	CY7 Basic	Hangar AF Modification						\$212,85	
00395 C		Ares I-1 Pad B Integration						\$305,48	
00396	CY7 Basic							\$66,87	
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$216,68	
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$91,16	
00399	CY6 Basic	Window Defect Inspection Device						\$208,90	
00400	CY7 Basic	USTDC Design and Development Support						\$195,25 \$514,44	
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$68,15	
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$77,73	
00403	CY6 Basic	LSE Communications System Support						\$213,50	
00405 C	CY6 Rev A	Application of Dust Screen Electrodes						\$81,84	
00406 C	CY5 Rev. A	Electrostatic Characterization of Lunar Dust						\$94,01	
00407 C		Impregnation of Lunar Simulant with SEZVI						\$3,02	
00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2							
00409	CY7 Basic	O2 Production System Modeling						\$98,37	
00410	CY7 Basic	Integration Support to Const (CxP) Ground Syst Development						\$1,336,91	
00411 C 00412	CY5 Rev B CY6 Rev H	Cryogenic Tank Insulation Test Support						\$9,33	
00415	CY6 Rev A							\$46,27	
	CY6 Rev A	NASA Consolidation of Active Directory Support Coatings Support						\$88,09	
	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$26,77	
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$186,93	
	CY5 Rev B	LIVIS-CWLIS Performance Analysis						\$53,61	
	CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP						\$47,57	
00422	CY6 Rev B	Non-Destructive Evaluation Technologies Development						\$174,10	
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$124,14 \$455,92	
0424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$251,16	
0425	CY6 Rev D	CLV ML Fluid Systems						\$1,361,37	
0426	CY7 Basic	Electrical and Control & Data Division EDL Lab Support						\$735,99	
	CY6 Basic	Solar Thermo Molecular Sieve H2/O2 Production						\$93,71	
	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$65,37	
	CY7 Basic	Data Presentation and Visualization						\$130,45	
	CY6 Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$28,83	
	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$51,18	
	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$26,85	
	CY5 Rev B	Photonic Bandgap (PBG) Shlelding Technology						\$80,45	
	CY6 Rev A	AR7 Coating Replacement						\$40,82	
	CY5 Rev C	Polyimide Based Powder Coatings  Chi2 Filtration   Injury Florimotorie Methods						\$59,34	
	CY6 Rev A	GN2 Filtration Using Electrostatic Methods IR Leak Visualization						\$26,50	
	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$43,20	
	CY7 Basic	IPP Ground Operations Health Management	ţ 5					\$20,71	
	CY7 Basic	IPP Self-Healing Wiring	\$					\$71,03	
	CY5 Rev A	Fluid Dynamics Conference Manuscript	\$					\$32,88	
	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)	\$;					\$20,02	
	CY7 Basic	IPP Nanosensors	₩,					\$95,02	
	CY7 Basic	White Light Interferometric Depth Gage						\$80,97	
	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$62,57	
	CY7 Basic	Hypergol Detection						\$20,95	
	CY6 Basic	PC Based Command & Telemetry Workstation						\$52,31	
	CY6 Rev B	Coastal Radar Video Surveillance System						\$141,84	
	CY7 Basic	CTC Equipment Obsolescence Implementation						\$31,67 \$531,40	
	CY5 Rev B	Experimental Imaging Lab Infrastructure						\$531,49 \$66,26	
	CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$948,71	
	CY5 Rev A	ATM Transmission System Replacement						₩ <b>3™</b> 0,/1	

Total Cost & fee \$77,667

\$17,667 \$51,982 \$149,969 \$1,599 \$3,515 \$118,694 \$51,088

\$15,000 \$18,056 \$9,921 \$50,689 \$10,004 \$2,577 \$33,067 \$16,647 \$0 \$0 \$0 \$30,582 \$0 \$14,105

Dees Dario	d Task Order	Semmery	CY 05				
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Tesk			Adjusted	Other Direct	Total Estimated		Incentive
Order		Title	Target Labor Costs	Costs	Cost	Award Fee	Fee
C=Closed		Hubble Service Repair Mission ESPL Support	COSIS	00018	555.	AU 414 1 42	. 55
00455 C 00457	CY6 Rev A	Materials Science Lab Support					
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support					
00459	CY7 Basic	Engineering Analysis for Constellation					
00461	CY7 Basic	TEERM and AFSPC Program Support					
00462	CY7 Basic	Mirnally Intrusive Repair, Detection, and Self-Repair Systems					
00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control					
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity					
00465	CY6 Rev C	Technology Investment in Cryogenic Applications					
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion					
00467	CY6 Rev A	NASA Lessons Learned Program Support					
00468	CY7 Basic	Polymer Science and Technology Lab Support					
00469	CY6 Rev B	Electrostatic Research on Martian Soil					
00470	CY7 Basic	Excavation Hardware Development					
00471	CY7 Basic	Lunar Soil Dust Standards Development					
00472	CY7 Basic	IT System Services infrastructure					
00473 00474	CY7 Basic CY6 Basic	US Army Vehicle Coating Study CLV/VEV Processing & Access GSE in the VAB					
00475	CY6 Rev B	Hangar AF GSE for CxP					
00475	CY7 Basic	KSC Hydrogen Dispensing Station					
00477	CY7 Basic	Corrosion Labs					
00478	CY7 Basic	Applied Chemisty Labs Infrastructure					
00479 C	CY6 Rev B						
00480	CY7 Basic	System(s) @ LC39B					
00481	CY7 Basic	ISRU Beneficiation					
00482	CY7 Basic	Heatshield Adapter					
00483		ATXS Replacement Support					
00484	CY7 Basic	ARL Coatings and Corrosion Research					
00485	CY6 Rev B	S&MA Products for CxP Subsystem Development					
00486 00487	CY7 Basic	Design Engineering Handbook					
00488		XPS Support Shuttle Lightning Instrumentation Support					
00489	CY7 Basic	Excavation Modeling System					
00490	CY7 Basic	ROXYGEN Regolith Feed System					
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo					
00492	CY6 Basic	Infrared Camera-Based Fire Detection					
00493	CY7 Basic	Remote Measurements of Glass Defects					
00494	CY7 Basic	PELT Sensor - Phase 2					
00495	CY7 Basic	ISRU Systems Demo - ROXYGEN					
00496	CY7 Basic	CNT Ink for Dust Mitigation					
00497	CY7 Basic	LX-C & UB Special Spt for CxP					
00498 C	CY6 Rev A						
00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development					
O0500 O0501	CY7 Basic CY7 Basic	CEV Service Module Leakage Flow Sensor Software Process Improvement					
00502	CY7 Basic	Physics Concepts Support					
00503 C	CY6 Rev A	•					
00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support					
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad					
00507	CY6 Basic	Helium Sensing & Purge Gas Reclamation					
00508	CY7 Basic	GMSSL Infrastructure Support					
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support					
00510	CY7 Basic	New Materials for Structural Composites and Conductive Coat					
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings					
00512	CY6 Rev D						
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating					
00514 C							
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.					
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.					
00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation NASA Materials Science WCSP/WCSD Server Sys. Admin.					
00524	CY6 Rev A	Photonic Bandgap (PBG) Shielding Technology Phase II					
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware					
JULU-20	O I / Dabit	HOW COOLSTON Excellence of Founds Control of the Control					

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Task Order			Adjusted Target Labor	Other Direct	Total Estimated		incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A	Flow Detection System for WCCS						
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						
00536	CY7 Basic	Mars Architecture Team (MAT) Study						
00537	CY6 Basic	Crawlerway Foundation Study						
00538	CY6 Rev A	PAD 39B CLV LH2						
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
00540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
0542	CY7 Basic	Fluid Systems (CxP) Integration Support						
00543	CY7 Basic	LSP Facilities Project Management Support						
0544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
00546	CY6 Basic	Software Development for Rapid Propellant Loading						
0547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						
0548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						
0549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						
0550	CY7 Basic	LETF Constellation Test Support						
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						
00554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						
00557	CY7 Basic	ESTCP Coating Test						
00558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
00560	CY7 Basic	MPPF Upgrade CxP Project Support						
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
00563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
0572	CY7 Basic	Propellant Conditioning						
0573	CY7 Basic	Constellation Logistics Support Analysis						
0574	CY7 Basic	VIE Handling and Access GSE Design						
00575	CY7 Basic	IT Communications System Support						
0576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						
00577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						
00578	CY7 Basic	ISS and Spacecraft Processing Support						
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						
00584	CY6 Basic	System Maintenance Engineering Support for TA						
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						\$50,983,3
		ADJUSTMENT TO ACTUALS						-\$810,6
								\$50,172,6

	se Period Task Order Summary		CY 06						
Task Order		•	Adjuste						
Order C=Closed	Revision	Title	Target Lai Costs	bor	Other Direct Costs	Total Estimated Cost	Award Fee	incentive	Total Cost &
0001 C	Rev B	60 Day Transition Task Order		\$0	SO	SO	S0	Fee \$0	fee :
0002	CY7 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs	<b>S</b> :	••	•	40	30	ΨU	\$441,6
0003 C	Basic	Corrosion Resistant Tubing	•						ψ
0004 C	CY4 Basic	Applied Physics Infrastructure Support							
0005 C	CY5 Rev D	Corrosion Test-bed							
0006 C	CY5 Rev F	Chemical Instrumentation & Process Lab Infrastructure							
0007 C	Rev B*	Hydrogen Peroxide Decomposition							
0008 C	Rev A	Galvanic Coatings for Protection of Concrete							
0009 C 0012 C	CY2 Basic Rev B	Army Corrosion Retardant Additive Testing							:
0013 C	CY3 Rev B	Ionic Liquids Corrosion Detection, Prediction and Prevention							
0014 C	CY 2 Rev B	OTV Modernization							
0015	CY6 Rev C	Communications Engineering Infrastructure							6100.4
0016 C	CY2 Basic	Network Architecture & Routing Protocols		\$0	\$0	\$0	\$0	\$0	\$103,4
0017 C	Basic	KSC LAN Documentation and User Guides		\$0	\$0	\$0	\$0	\$0	
0018 C	CY4 Rev B	Advanced Communications Development		\$0	\$0	\$0	\$0	\$0	
0019 C	CY4 Rev C	Fiber Optics Lab Projects		\$0	\$0	\$0	\$0	\$0	
0020	CY7 Basic	IT Systems & Security Technologies							\$290,23
0021 C	CY2 Rev A	Network Service Level Assessment (NSLA)							
0022 C	Basic	Ultra Wideband (UWB) Commincation Technology							
0023 C	Basic CY1 Basic	Remote Monitoring and Alarm System (RMAS)							
0024 C 0025 C	Rev A	Emergency Broadcast Cable TV Alert System Halon Replacement							
0026	CY 7 Basic	Electrostatics and Materials Physics Testbed							
0028 C	CY2 Rev B	Electrostatic & Surface Physics R&D							\$37,2
0029 C	Basic	Payload Contamination Monitoring							:
0030	CY7 Basic	Development of KSC Infrastructure Documentation							\$141,3
0031	CY7 Basic	Miscellaneous Operations Support							\$54.8
0032 C	CY4 Basic	Proof-of-Concept Support							VO-1,0
0033	CY7 Basic	LETF & Instrumentation O&M							\$1,104,5
0034 C	CY3 Rev C	Advanced Technology Development Center (ATDC) - Phase 1		\$0	\$0	\$0	\$0	\$0	
0035 C	CY3 Basic	LOX Pump Qualification Testing		\$0	\$0	\$0	\$0	\$0	:
0036 C	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M Dev and Test Operations Infrastructure and LETF O&M		\$0 \$0	\$0 \$0	\$0	\$0	\$0	;
0039 C	Basic	PGHMA Enhancements and Technical Support		\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
0039 C	CY3 Rev B	Systems Engineering (NGLT)		50	\$0	\$0	\$0	\$O	
0042	CY7 Basic	Engineering Technical Services Support & CAD/CAE Support		••	•	•••	•	•••	\$214.3
0043	CY7 Basic	Innovative Partnership Program Office Support							\$612.3
0044 C	Rev A	ARTWG/ASTWG Integration and Conference Support							
0045	CY7 Basic	Procedures							\$36,0
0046	CY6 Rev. A	ISS Support Equipment Fabrication, Integration, and Testing							\$25,0
0047 C	CY3 Rev A	Beach Corrosion Data Acquisition System Support							2
0049	CY7 Basic	LETF Shuttle Operations Testing Support							\$474,6
0050 C	Rev A	Hazardous Gas Detection System (HGDS) 2000							:
0051 C	CY6 Rev A	GSE Controls Integration							\$43,4
0052	CY6 Rev B	Command and Control Laboratory Infrastructure							\$355,5
0053 C	Basic	Upgrade Hypergol Flow Meters Support							***
00054	CY7 Basic	SSPF Transducer Laboratory Support							\$3,6
0056 C 0057	CY4 Rev B CY7 Basic	Shuttle Transducer Development Shuttle Transducer Obsolescence							\$495.9
0058 C	CY2 Basic	In-Situ Pressure Calibration System		\$0	\$0	so	\$0	\$0	<b>9430,3</b>
0059 C	CY4 Rev A	NIST Traceable Portable Pressure Standard		\$0	\$0	\$0	\$0	\$0	
0060 C	Basic	Acoustic Scaling Methodologies		\$0	\$0	\$0	\$0	\$0	
0061 C	Rev A	Advanced Hazardous Gas Detection System Development		\$0	\$0	\$0	\$0	\$0	
0062 C	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment		\$0	\$0	\$0	\$0	\$0	
0063	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M							\$801,9
0064 C	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications							
0070	CY7 Basic	SBIR/STTR Support							\$84,9
0071 C	CY3 Rev B	LETF DOD Load Testing Support							
0072 C	CY2 Rev A	E-nose for ISS and EVA							
0074 C	CY 2 Basic	Technical Documentation Database System							
0076 C	Basic	Laser Processing of Spaceport Materials							
0078 C	CY2 Basic	Capcitance Based Sensors							

Base Perio	od Task Orde	r Summerv			CY 06			
		·			- 0100			
Tesk			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00079 C		NGLT Project Management Support	\$0	\$0	\$0	\$0	\$0	\$0
00080 C	CY6 Rev A	Software Process Improvement Effort						\$20,717
00081	CY7 Basic	MSBLS Flight Inspection System Support						\$83,516
00082 C	CY2 Rev A CY7 Basic	Flight Modern Project Electronics Infrastructure						\$0
00083	CY7 Basic	Range Infrastructure						\$102,360
00085	CY7 Basic							\$279,164
00086	CY7 Basic	Weather Projects Support Autonomous Flight Safety System (AFSS)						\$10,303
00087	CY7 Basic	Emerging Communication Technology (ECT)						\$170,266
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)						\$432,780
00089 C	CY2 Rev B	Intelligent Cable Tester						\$0
00090 C	CY3 Rev B	KCCS Infrastructure Conversion						\$0 \$0
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$0 \$0
00092	CY7 Basic	NAVAIDS Flight Inspection System Development						
00093 C	CY2 Rev A	Airborne Particle Counting						\$39,588
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$0
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$105,049
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$0
00099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$0 \$0
00102	CY6 Rev C	Agency Security Update Service (ASUS)						\$554,674
00105 C	Basic	Failsafe Jackscrew		au	\$0	\$0	\$0	\$004,674 \$0
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist	\$0	\$0	\$0	\$0	\$0	\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads	\$0	\$0	\$0	\$0	\$0	\$0
00119 C	Basic	WB TAU Certification for Flowliner	\$0	\$0	\$0	\$0	\$0	\$0
00120 C	Basic	Cryolab Oxygen Monitor	\$0	\$0	\$0	\$0	\$0	\$0
00121 C	Basic	Fire Detection Evaluation	\$0	\$0	\$0	\$0	\$0	\$0
00122 C	Basic	Support Equipment Coating Study	\$0	\$0	\$0	\$0	\$0	\$0
00123 C	Rev A	RWGS	\$0	\$0	\$0	\$0	\$0	\$0
00125 C	CY4 Rev A	Minature Smart Leak Sensor	\$0	\$0	\$0	\$0	\$0	\$0
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures	\$0	\$0	\$0	\$0	\$0	\$0
00127 C	Basic	Spaceport Processing System LPS Survivability Task	\$0	\$0	\$0	\$0	\$0	\$0
00131 C	CY3 Rev B	KSC BTU Measurement System	\$0	\$0	\$0	\$0	\$0	\$0
00132 C	CY2 Rev B	Development of Portable Hydrazine Detector	\$0	\$0	\$0	\$0	\$0	\$0
00134 C	Rev B	STS-107 Investigation Support	\$0	\$0	\$0	\$0	\$0	\$0
00135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)	\$0	\$0	\$0	\$0	\$0	\$0
00137 C	CY2 Rev A	Modeling of Advanced Physics Concepts	\$0	\$0	\$0	\$0	\$0	\$0
00140 C	CY2 Rev A	Thermal Insulation System Retrofit	\$0	\$0	\$0	\$0	\$0	\$0
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering	\$0	\$0	\$0	\$0	\$0	\$0
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor	\$0	\$0	\$0	\$0	\$0	\$0
00143 C	Basic	Systems Engineering Tools Assessment	\$0	\$0	\$0	\$0	\$0	\$0
00144 C	CY 2 Rev B	Mars Dust Partical Analyzer	\$0	\$0	\$0	\$0	\$0	\$0
00145 C	CY 2 Rev B	EVM Support to YA	\$0	\$0	\$0	\$0	\$0	\$0
00146 C	Rev A	ELV Lightning Detection Support	*^	**	*^	***	**	\$0
00147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$0
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$0
00140.0	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						*-
00149 C 00150 C	CY2 Basic Basic	Remote imaging of Hydrogen and Helium Leaks						\$0
00150 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0 \$0
00151 C	Basic	Long Distance Transfer Piping						\$0
00152 C	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0
00154 C	CY 2 Rev B							\$0
00155	CY7 Basic	LSP Instrumentation Support						\$10,020
00156 C	CY 2 Rev C		\$0	\$0	\$0	\$0	\$0	\$0
00157 C	Basic	Seawater Immersion Facility Support	\$0	\$0	\$0	\$0	\$0	\$0
00158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF	\$0	\$0	\$0	\$0	\$0	\$0
00159 C	CY4 Rev B	Millimeter Wave Imaging Support	\$0	\$0	\$0	\$0	\$0	\$0
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt	\$0	\$0	\$0	\$0	\$0	\$0
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test	\$0	\$0	\$0	\$0	\$0	\$0
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System	\$0	\$0	\$0	\$0	\$0	\$0
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support	\$0	\$0	\$0	\$0	\$0	\$0
00164 C	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels	\$0	\$0	\$0	\$0	\$0	\$0
00165 C	CY2 Basic	RF Health Node	\$0	\$0	\$0	\$0	\$0	\$0
00166 C	CY2 Rev C	Hazardous Environment Equipment Upgrades	\$0	\$0	\$0	\$0	\$0	\$0
00168 C	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project	\$0	\$0	\$0	\$0	\$0	\$0
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel	\$0	\$0	\$0	\$0	\$0	\$0
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Base Perio	od Task Order	Summery			CY 08			
Task		*****	Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed		Title	Costs	Costs	<b>Total Estimated Cost</b>	Award Fee	Fee	fee
00170 C		ATDC Engineering Study and Implementation Plan	\$0	\$0		\$0	\$0	\$0
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support	\$0	\$0		\$0	\$0	\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support	\$0	\$0		\$0	\$0	\$0
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster	\$O	\$0		\$0	\$0	\$0
00176 C	CY2 Rev D	ISRU Quick Assessment	\$0	\$0		\$0	\$0	\$0
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)	\$0	\$0	**	\$0	\$0	\$0
00178 C	CY2 Rev A	Hyper Spill Detection System	\$0	\$0		\$0	\$0	\$0
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material	\$0	\$0		\$0	\$0	\$0
00180 C	CY2 Rev E	New Microencapsulated Membrane	\$0	\$0	\$0	\$0	£0.	\$0
00182 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS) Electrostatic Breakdown in Launch Vehicle Systems						\$0
00183 C	CY2 Basic	Vision Location System Research						\$0
00184 C	CY2 Rev A	LASER Repair Applications						\$0
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements						\$0
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials						\$0
00187	CY7 Basic	Hazardous Gas Detection Applications						\$0
00188 C	CY2 Rev A	Intelligent Algorithms						\$419,420
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete						\$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab						\$0
00193 C	CY2 Basic	Knowledge Management for Ground Processing	\$0	\$0	\$0	\$0	\$0	\$340,031 \$0
00194 C	CY3 Rev C	impact Penetration Sensor System for RC & LI900 Tile	\$0	\$0		\$0 \$0	\$0 \$0	\$0 \$0
00195 C	CY4 Rev A	Return to Flight Ground Camera Project	\$0	\$0		\$0	\$0	\$0
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise	\$0	\$0		\$0	\$0	\$0
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools	\$0	\$0		\$0	\$0	\$0
00200 C	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors	\$0	\$0	\$0	\$0	\$0	\$0
00201 C	CY4 Rev C	Launch System Testbed O&M	\$0	\$0	\$0	\$0	\$0	\$0
00202 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings	\$0	\$0	\$0	\$0	\$0	\$0
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System	\$0	\$0	\$0	\$0	\$0	\$0
00204 C	CY2 Basic	Development of Acoustic Estimate Tool	\$0	\$0		\$0	\$0	\$0
00205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed	\$0	\$0		\$0	\$0	\$0
00206 C	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency	\$0	\$0		\$0	\$0	\$0
00207 C	CY3 Rev C	Ablator Impact Testing	\$0	\$0		\$0	\$0	\$0
00208 C	CY3 Rev A	Wireless Networks and Sensors	\$0	\$0		\$0	\$0	\$0
00209 C	CY2 Rev B	ESS Wireless Network Installation	ŝo	<b>\$</b> 0	\$n	€∩	€0	\$0
00210 C	CY4 Rev A	Constellation Project Management & System Engineering						\$0
00211 C	CY2 Basic CY4 Rev A	System Administrator Certifications PCG2 System Support						\$0 \$0
00212 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study						\$0 \$0
00214 C	CY2 Rev A	HyTEX RF Health Node						\$0 \$0
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering						\$0
00217 C	CY5 Rev A	NAVAIR Coatings Study						\$0
00218 C	CY6 Rev A	ASTWG/ARTWG Conference Support						\$4,517
00219 C	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation						\$0
00220	CY7 Basic	Non-Governmental VCS's and Standards						\$33,175
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration	\$0	\$0	\$0	\$0	\$0	\$0
00222 C	CY5 Rev A	NESC Technical Support	\$0	\$0	\$0	\$0	\$0	\$0
00223 C	CY2 Basic	Coriolis Flow Meter Testing	\$0	\$0	\$0	\$0	\$0	\$0
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation	\$0	\$0	\$0	\$0	\$0	\$0
00225 C	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project	\$0	\$0		\$0	\$0	\$0
00226 C	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials	\$0	\$0		\$0	\$0	\$0
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation	\$0	\$0		\$0	\$0	\$0
00229 C	CY4 Rev A	De-painting Technology for Structural Steel	\$0	\$0		\$0	\$0	\$0
00230 C	CY5 Basic	Polyurethane Replacement Coatings	\$0	\$0		\$0	\$0	\$0
00231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)	\$0	\$0		\$0	\$0	\$0
00232 C	CY4 Rev B	Self Validating Thermocouple System	\$0	\$0		\$0	\$0	\$0
00233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval	\$0	\$0		\$0	\$0	\$0
00234 C	CY2 Rev A	Environmental Monitoring Support	\$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0
00235 C	CY3 Rev A	System Component Selection Tool Demonstration Project	\$0	\$0		\$0	\$0 \$0	\$0
00236 C	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline	\$0 \$0	\$0		\$0	\$0 \$0	\$0
00237 C	CY2 Rev A	Hypergolic Trigger Level Sensor	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0	\$0
00238 C	CY3 Rev A	Debris Recognition Camera Image Analysis	\$0 \$0	\$0		\$0	\$0	\$0
00239 C	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)	\$0	\$0		\$0	\$0	\$0
00240 C	CY2 Rev B CY4 Rev A	Birnettalic Emulsion for PCB Extraction  Boeing Space Station Support	\$0	\$0		\$0	\$0	\$0
00241 C	CY4 HeV A	Usability Study of Virtual and Simulation Environments	\$0	\$0		\$0	\$0	\$0
00242 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development	\$0	\$0		\$0	\$0	\$0
JULETT C	4121101D	the comment of the state of the	**		**	•		-

pase Perio	d Task Order	Summary			CY 06			
Task			Adjusted					
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed 00247 C	Revision CY3 Boy A	Title Construction and Demolition Debris Characterization	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
0250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
	CY4 Rev A	Chemical Vapor Detection Expertise	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
	CY4 Rev A	Analytical Instrumentation Expertise	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev E	Wire Insulation and Membrane Expertise	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev D CY5 Basic	Vibration Test Facility Operation & Maintenance Infrastructure Electrostatics and Surface Research	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev B	Environmental Remediation Expertise	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	NESC SRB Stud Hang-up Testing	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
	CY3 Rev A	Thermal and Fluids Analysis Workshop Support	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
261 C	CY4 Basic	Commodity-Free Calibration	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY5 Rev A	Physics of Rocket Exhaust Cratering	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev E	Independent Technical Engineering Analaysis Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Electrostatic Shielding of Spacecraft				77		\$0
	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$0
	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$0
	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$0
	CY5 Rev. A	VAB Roof Remediation Support						\$0
	CY3 Rev D	Cryogenic In-line Flow Sensor						\$0
	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$0
	CY4 Baseline CY3 Rev A	Cryogenic Applications of Shape Metal Alloy Technology						\$0
	CY7 Basic	Lanthanide Based Hydrogen Sensitive Coatings CTC Program Support						\$0
	CY 4 Basic	SOLLO Installation Support						\$78,056
	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev B	KSC Network Device Registry System	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Basic	Wireless Sensor Networks	\$0 \$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev B	Advanced Cable Tester Development	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0
	CY4 Rev A	RESOLVE	\$0	\$0	\$0 \$0	\$0	\$0	\$0
	CY3 Rev C	External Tank Infrared Radiation Heating	\$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0
	CY3 Rev A	AVEMS CARTA 2005	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
286 C	CY3 Rev A	Lunar Regolith	\$0	\$0	\$0	\$0	\$0 \$0	\$0
287 C	CY4 Rev B	Dust Particle Mitigation	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	ISHM Testbed and Prototypes	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mir	*-			*-	~~	\$0
	CY3 Basic	ESS Wireless Network Installation						\$0
	CY3 Basic	Nano-Tube H2 Gas Sensor						\$0
	CY4 Rev A	Signal Conditioning for Nan Sensors						\$0
	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$0
	CY5 Basic	EZVI Materials testing						\$0
	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$0
	CY6 Rev B CY6 Rev. B	Chemochromic Hydrogen Detection Expertise						\$37,398
	CY6 Rev B	OCE and SMO Technical Support						\$159,686
	CY3 Basic	Complex 20 Cryogenic Engineering Support VAB Siding Coatings Testing	•-					\$142,144
	CY3 Basic	Black Powder Phenomena Study	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support	\$0 \$0	\$0	\$0	\$0	\$0	\$0
		Coatings Support for Exploration & Space Port Design	\$0 \$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0
	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
107 C	CY4 Rev A	EVM Process Documentation	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
		NDE Support at Michoud	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
		HLA for SGOS Research Activity	sn.	\$0	40	40	\$0 \$0	30
	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$0
311 (	CY7 Basic	Infrastructure						\$1,032,562
		EVM Preparation						
312 C	CY4 Rev F							ቁስ
312 C (	CY4 Rev A	Near Field MSBLS Navset Development						\$0 \$0
312 C (								\$0 \$0 \$0

Base Peric	od Task Order	Summery				CY 06			
Task			Adjusted						
Order			Target Lab	10	Other Direct			incentive	Total Cost &
C=Closed 00318 C		Title  * Active Ice Mitigation Technologies	Costs	so	Coats \$0	Total Estimated Cost \$0	Award Fee \$0	Fee \$0	fee
00319 C	CY4 Rev A	Advance Technology Development Center Support		\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0
00320 C	CY5 Rev A	KCCS Technology Update		\$0	\$0	\$0	\$0	\$0	\$0
00321 C	CY4 Rev A	ESS Security		\$0	\$0	\$0	\$0	\$0	\$0
00322	CY6 Rev A	Electrostatic Separation of Regolith		-					\$19,897
00323 C	CY4 Basic	Study of Mobile Helium Conversion System							\$0
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers							\$0
00326 C	CY4 Rev D	SETI Migration							\$0
00327	CY7 Basic	Launch Site Quick Response Technical Support							\$262,416
00328	CY7 Basic	NESC Technical Support							\$14,696
00329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining							\$0
00330 C	CY4 Rev C	RTF Test Site Closeout							
00331 C	CY5 Rev F	Constellation Engineering Support							\$0
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis							
00333 00335	CY7 Basic CY7 Basic	NASA AP2 Program Support							\$15,538
00335 00336 C	CY4 Rev A	LETF Constellation Program Support IMU Simulator		\$0	\$0	\$0	•••	**	\$11,027,492
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control		\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$( \$(
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings		\$0	\$0	\$0	\$0 \$0	\$0	\$(
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems		\$0	\$0	•	•	\$0	•
00342	CY7 Basic	Oxygen Production by Molten Salt			•			\$0	\$523,416
00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$0	\$306,922
00344	CY7 Basic	Regolith Volatile Characterization Expertise						\$0	\$409,599
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$0	S
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$0	S
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$0	\$0
00348	CY7 Basic	IT Baseline Configuration Management Support						\$0	\$140,202
00349 C	CY4 Rev B	Advanced Miniaturized Instrumentation and Control Node						\$0	
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						\$0	
00351 C	CY5 Rev A	. Solar Water Cracker				***		\$0	\$0
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering		\$0	\$0	\$0	\$0	\$0	\$0
00353 C	CY5 Rev B	NDE Super Problem Resolution Team Support		\$0	\$0	\$0	\$0	\$0	\$0
00354 C	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery		\$0	\$0			\$0	
00355	CY7 Basic CY5 Rev B	Birnetalic Treatment System for PCB Removal						\$0	\$72,866
00356 C 00357 C	CY4 Rev B	Lightning Protection System Design  EMDS Multiplexer Prototype Fabrication						\$0 \$0	\$0
00357	CY7 Basic	KT Directorate Engineering Technical Services Support						\$0 \$0	\$62,414
00360 C	CY4 Rev B	Lightning Monitoring System Support						\$0	302,414
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$0	\$0
00362	CY7 Basic	Laboratory Relocation to SLSL						\$0	\$9,029
00363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$0	\$137,291
00364 C	CYS Rev C	Bird Abatement						\$0	\$0
00365	CY7 Basic	NASA-STD-5008A Revision Support						\$0	\$79,659
00366	CY7 Basic	Operational Imaging Support						\$0	\$104,107
00367	CY7 Basic	Consumables Transfer Technology Development Project						\$0	\$375,546
00368	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants						\$0	\$80,627
00369	CY6 Rev B	Command, Control & Communication Development (CxP)						\$0	\$5,452,471
00370	CY7 Basic	Command, Control & Communication PM/SE and I (CxP)						\$0	\$428,828
00371 C	CY5 Rev. E							\$0	\$0
00372	CY7 Basic	Shuttle Transition and Retirement						\$0	\$352,546
00373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$0	\$84,010
00374 C	CY5 Rev A	3-D Scene Analysis		**				. \$0	\$0
00375 C 00376 C	CY5Rev. A CY4 Rev A	Capacitance Based Liquid Level Sensor Landing & Recovery for Spacecraft & Pt. Processing (CxP)		\$0 \$0	\$ი \$0	∌U	∌∪	\$0	\$0
00377 C	CY5 Rev A			-				\$0	
00377	CY7 Basic	Smart Networked Elements in support of IHMS Systems Specifications and Standards - CxP		\$0	\$0	\$0	\$0	\$0 \$0	\$000.00
00378 00379 C	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$0 \$0	\$63,93
00380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$0 \$0	\$0 \$390,135
00381 C	CY6 Rev B	Safety and Mission Assurance CxP Support						\$0 \$0	\$390,13: \$240,221
00382	CY6 Rev C	Constellation Business Management						\$0	\$2,101,844
00383 C	CY5 Rev B	Architecture of a Lunar Instrument						\$0 \$0	\$2,101,84
00384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$0	\$(

Base Perio	od Task Order	Summery			CY 06			
Task		,	Adjusted		0.50			——————————————————————————————————————
Order			Target Labor	Other Direct			Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Total Estimated Cost	Award Fee	Fee	fee
00385		Constellation Project Configuration Management						\$1,576,548
00386	CY7 Basic	Command and Control ARES						\$354,547
00387 C 00388	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$0
00389	CY6 Rev. A CY6 Rev. A							\$22,989
00390 C		ARES I-1 Pull-Off Umbillical Testing Preparations						\$6,461,666 \$0
00392	CY7 Basic	VAB High Bay Modification						\$789,283
00393	CY6 Basic	LCC Firing Room #1 Modification						\$279.806
00394	CY7 Basic	Hangar AF Modification						\$587,989
00395 C		Ares I-1 Pad B Integration						\$0
00396	CY7 Basic CY7 Basic	Constellation LC-39B Integration Eval of Lunar Soil Excavation and Handling Concepts						\$471,185
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$108,200
00399	CY6 Basic	Window Defect Inspection Device						\$404,784 \$182,076
00400	CY7 Basic	USTDC Design and Development Support						\$1,210,101
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$0
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$13,927
00403	CY6 Basic	LSE Communications System Support						\$202,727
00405 C	CY6 Rev A	Application of Dust Screen Electrodes						\$0
00406 C 00407 C	CY5 Rev. A CY5 Rev. A	Electrostatic Characterization of Lunar Dust Impregnation of Lunar Simulant with SEZVI						\$0
00407 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						\$0
00409	CY7 Basic	O2 Production System Modeling						\$0 \$117.081
00410	CY7 Basic	Integration Support to Const (CxP) Ground Syst Development						\$1,856,440
	CY5 Rev B	Cryogenic Tank Insulation Test Support						\$1,000,440
00412	CY6 Rev H	Dust Mitigation						\$771,724
00415	CY6 Rev A	NASA Consolidation of Active Directory Support						\$88,282
00416 C	CY6 Rev A	Coatings Support						\$10,398
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$0
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$1,627
00420 C 00421	CY5 Rev B CY7 Basic	LIVIS-CWLIS Performance Analysis						\$0
00421	CY6 Rev B	Multi-Mission Support Equip (MMSE) For CxP Non-Destructive Evaluation Technologies Development						\$718,559
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$117,145 \$2,463,047
	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$2,465,047
00425	CY6 Rev D	CLV ML Fluid Systems						\$5,151,768
00426	CY7 Basic	Electrical and Control & Data Division EDL Lab Support						11,466,227
00427	CY6 Basic	Solar Thermo Molecular Sleve H2/O2 Production						\$6,285
1	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$19,704
00429	CY7 Basic CY6 Basic	Data Presentation and Visualization						\$661,539
00430 00431 C	CY6 Rev A	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst Digital Image Inspection for Spacecraft Processing						\$15,812
	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$32,131 \$68,308
	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology						\$00,308
00435 C	CY6 Rev A	AR7 Coating Replacement						\$53,888
	CY6 Rev A	Polyimide Based Powder Coatings						\$1,956
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						\$0
00438 C	CY6 Rev A	IR Leak Visualization						\$47,206
00439 C 00440	CY5 Rev A CY7 Basic	Acceptance Testing Digital Video Transmission Syst						\$0
00440	CY7 Basic	IPP Ground Operations Health Management IPP Self-Healing Wiring						\$73,534
	CY5 Rev A	Fluid Dynamics Conference Manuscript						\$63,619
	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						\$0 \$0
00444	CY7 Basic	IPP Nanosensors						\$43,280
00445	CY7 Basic	White Light Interferometric Depth Gage						\$113,642
	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$0
00447	CY7 Basic	Hypergol Detection						\$57,387
00448	CY6 Basic	PC Based Command & Telemetry Workstation						\$83,504
00449 C 00450	CY6 Rev B CY7 Basic	Coastal Radar Video Surveillance System						\$18,733
	CY7 Basic CY5 Rev B	CTC Equipment Obsolescence Implementation Experimental Imaging Lab Infrastructure						\$517,464
00453	CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$0 \$4,525,837
00454 C	CY5 Rev A	ATM Transmission System Replacement						\$0
								••

Task Order		
C=Closed	Revision	Title
00455 C		Hubble Service Repair Mission ESPL Support
00457	CY6 Rev A	Materials Science Lab Support
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Suppor
00459	CY7 Basic	
00461	CY7 Basic	TEERM and AFSPC Program Support
00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems
00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control
00464 C	CY5 Rev B	RF Health Node SensorNet Flight of Opportunity
00465	CY6 Rev C	Technology Investment in Cryogenic Applications
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion
00467 00468	CY6 Rev A	NASA Lessons Learned Program Support
00469	CY7 Basic	Polymer Science and Technology Lab Support
00469	CY6 Rev B CY7 Basic	Electrostatic Research on Martian Soil Excavation Hardware Development
00470	CY7 Basic	Lunar Soil Dust Standards Development
00472	CY7 Basic	IT System Services infrastructure
00473	CY7 Basic	US Army Vehicle Coating Study
00474	CY6 Basic	
00475	CY6 Rev B	
00476	CY7 Basic	KSC Hydrogen Dispensing Station
00477	CY7 Basic	Corrosion Labs
00478	CY7 Basic	Applied Chemisty Labs Infrastructure
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives
00480	CY7 Basic	System(s) @ LC39B
00481	CY7 Basic	ISRU Beneficiation
00482	CY7 Basic	Heatshield Adapter
00483	CY6 Rev B	
00484	CY7 Basic	ARL Coatings and Corrosion Research
00485	CY6 Rev B	S&MA Products for CxP Subsystem Development
00486 00487	CY7 Basic	Design Engineering Handbook
00487 00488	CY6 Rev C	XPS Support
00489	CY7 Basic	Shuttle Lightning Instrumentation Support Excavation Modeling System
00490	CY7 Basic	ROXYGEN Regolith Feed System
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo
00492	CY6 Basic	
00493	CY7 Basic	
00494	CY7 Basic	PELT Sensor - Phase 2
00495	CY7 Basic	ISRU Systems Demo - ROXYGEN
00496	CY7 Basic	CNT Ink for Dust Mitigation
00497	CY7 Basic	LX-C & UB Special Spt for CxP
00498 C	CY6 Rev A	
00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor
00501	CY7 Basic	Software Process Improvement
00502	CY7 Basic	Physics Concepts Support
00503 C 00504	CY6 Rev A	Non-Hazardous Hydrazine Neutralization
00505	CY7 Basic CY7 Basic	Cryo & Fluids Technology Focus Areas Support
00507	CY6 Basic	Sintering Methods for Building a Lunar Launch Pad Helium Sensing & Purge Gas Reclamation
00508	CY7 Basic	GMSSL Infrastructure Support
00509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support
00510	CY7 Basic	New Materials for Structural Composites and Conductive Coa
00511	CY7 Basic	NAVAIR Support for Non-Chrome Coatings
00512	CY6 Rev D	Online Wiring Diagnostics
00513	CY7 Basic	Development of Smart, Environmentally Friendly Coating
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tecl
00521	CY7 Basic	in-Situ Phosphatization for KSC Coatings and Corrosion Prev
	CY7 Basic	Composite Conductors for Lightning Strike Mitigation
	CY6 Rev A	NASA Materials Science WCSP/WCSD Server Sys. Admin.
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II Non-Destructive Evaluation of Lunar Surveyor III Hardware
00526	CY7 Basic	

Adjusted					
Farget Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost (
					\$28,4
					\$81,0
					\$1,550,8
					\$18,2
					\$58,12 \$383,66
					\$298,7
					φ <b>230</b> , 76
					\$17,1
					\$16,49
					\$253,5
					\$60,2
					\$95,83
					\$336,26
					\$75,52
					\$255,76
					\$1,00 \$286,15
					\$844,4
					\$32,50
					\$255,72
					\$410,0
					\$43,84
					\$11,4
					\$72,9
					\$374,30
					\$305,39
					\$13,44 \$2,366,3
					\$370,34
					\$12,52
					\$113,20
					\$65,53
					\$110,79
					\$26,15
					\$49,44
					\$34,21
					\$94,12
					\$127,90 \$59,71
					\$210,73
					\$186,62
					\$12.04
					\$129,24
					\$127,66
					\$23,31
					\$25,15
					\$99,59
					\$28,61
					\$31,93
					\$28,65
					\$86,70 \$14,97
					\$14,97
					\$60,43
					\$4,11
					\$5,81
					\$87,02
					\$32,99
					\$5,99
					\$29,64 \$54,70

Base Perio	d Task Orde	r Summery			CY 06			
Task Order C=Closed		Title	Adjusted Target Labor Costs	Other Direct Costs	Total Estimated Cost	Award Fee	Incentive Fee	Total Cost &
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection						\$325,45
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						\$63,56
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						\$65,17
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						\$67,97
00532	CY6 Rev A	Flow Detection System for WCCS						\$53,33
00533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						\$46,03
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						\$23,66
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$39,94
00536	CY7 Basic	Mars Architecture Team (MAT) Study						\$1,98
00537	CY6 Basic	Crawlerway Foundation Study						\$13,55
00538	CY6 Rev A	PAD 39B CLV LH2						\$399,86
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						\$8,15
00540	CY7 Basic	Aerocoat AR-7						\$23,31
00541	CY6 Rev A	Orion SPE Fluid Systems						\$192,14
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$116,75
00543	CY7 Basic	LSP Facilities Project Management Support						\$47,91
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$99
00546	CY6 Basic	Software Development for Rapid Propellant Loading						\$123,94
00547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$374,40
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$54,55
00549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						\$148.55
00550	CY7 Basic	LETF Constellation Test Support						\$14,91
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						\$41,11
00552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						\$139,78
00552	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						\$1,94
00556	CY6 Basic	NASA PH-N Logistics Engineering Support						\$104.81
	CY7 Basic	ESTCP Coating Test						\$24
00557		•						\$53
00558	CY7 Basic	Dust Mitigation for Solar Panels						\$7.00
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						\$22.80
00560	CY7 Basic	MPPF Upgrade CxP Project Support						\$5,24
00561	CY7 Basic	Online Real-Time Cable Defect Re-Routing System						\$3,24 \$9
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						\$6,82
00563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						\$6,02 \$6,20
00572	CY7 Basic	Propellant Conditioning						
00573	CY7 Basic	Constellation Logistics Support Analysis						\$9,24
00574	CY7 Basic	VIE Handling and Access GSE Design						\$4,79
00575	CY7 Basic	IT Communications System Support						\$2,13
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						s
00577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						\$
00578	CY7 Basic	ISS and Spacecraft Processing Support						\$
00579	CY7 Basic	Process Management Support for Crew Launch Vehicle						\$
00581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						. \$
00584	CY6 Basic	System Maintenance Engineering Support for TA						\$16,51
00585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$1,25
00586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						
00587	CY7 Basic	CxP Spacecraft Recovery and Retrieval Support						
		TOTAL						\$79,126,0
		ADJUSTMENT TO ACTUALS						
L			_					\$79,126,01

	d Task Order		CY 07							
Task		,	Adjusted		Total					
Order C=Closed	Revision	Title	Target Labor Costs	Other Direct Costs	Estimated Cost	Award Fee	Incentive	Total Cost		
	Rev B	60 Day Transition Task Order			COST	Award Fee	Fee	100		
0002	CY7 Basic	Calibration Maintenance for SE&T Labs, Testbeds Div & Labs						\$563,3		
	Basic	Corresion Resistant Tubing						,-		
	CY4 Basic	Applied Physics Infrastructure Support								
	CY5 Rev ID CY5 Rev F	Chargest leader manufacture & December 1 by Industrial						:		
	Rev B*	Chemical Instrumentation & Process Lab Infrastructure Hydrogen Peroxide Decomposition								
	Rev A	Galvanic Coatings for Protection of Concrete						;		
	CY2 Basic	Army Corrosion Retardant Additive Testing						;		
0012 C	Rev B	lonic Liquids						3		
0013 C	CY3 Rev B	Corrosion Detection, Prediction and Prevention								
0014 C	CY 2 Rev B									
	CY6 Rev C	Communications Engineering Infrastructure						\$51,43		
	CY2 Basic	Network Architecture & Routing Protocols						,		
	Basic	KSC LAN Documentation and User Guides								
	CY4 Rev B	Advanced Communications Development						•		
	CY4 Rev C	Fiber Optics Lab Projects								
	CY7 Basic CY2 Rev A	IT Systems & Security Technologies						\$354,1		
	Basic	Network Service Level Assessment (NSLA) Ultra Wideband (UWB) Commincation Technology						:		
	Basic	Remote Monitoring and Alarm System (RMAS)								
	CY1 Basic	Emergency Broadcast Cable TV Alert System								
0025 C	Rev A	Halon Replacement								
0026	CY 7 Basic	Electrostatics and Materials Physics Testbed						\$89.4		
	CY2 Rev B	Electrostatic & Surface Physics R&D						305,4		
	Basic	Payload Contamination Monitoring								
	CY7 Basic	Development of KSC Infrastructure Documentation						\$134,46		
	CY7 Basic	Miscellaneous Operations Support						\$73,69		
	CY4 Basic	Proof-of-Concept Support								
	CY7 Basic CY3 Rev C	LETF & Instrumentation O&M						\$750,48		
	CY3 Basic	Advanced Technology Development Center (ATDC) - Phase 1 LOX Pump Qualification Testing						\$		
	CY3 Rev A	Mech, Struct, & Controls & GSE Dev Lab O&M						\$		
	CY3 Rev A	Dev and Test Operations Infrastructure and LETF O&M						9		
	Basic	PGHMA Enhancements and Technical Support						\$		
	CY3 Rev B	Systems Engineering (NGLT)						5		
0042	CY7 Basic	Engineering Technical Services Support & CAD/CAE Support						\$ \$416.74		
0043	CY7 Basic	Innovative Partnership Program Office Support						\$654,61		
	Rev A	ARTWG/ASTWG Integration and Conference Support						\$		
	CY7 Basic	Procedures						\$41.44		
		ISS Support Equipment Fabrication, Integration, and Testing						\$		
	CY3 Rev A	Beach Corrosion Data Acquisition System Support						\$		
	CY7 Basic	LETF Shuttle Operations Testing Support						\$431,52		
	Rev A CY6 Rev A	Hazardous Gas Detection System (HGDS) 2000 GSE Controls Integration						\$		
	CY6 Rev B	Command and Control Laboratory Infrastructure						\$		
	Basic	Upgrade Hypergol Flow Meters Support						\$52,59		
	CY7 Basic	SSPF Transducer Laboratory Support						000 00		
	CY4 Rev B	Shuttle Transducer Development						\$58,80 \$		
0057	CY7 Basic	Shuttle Transducer Obsolescence						\$607,30		
0058 C	CY2 Basic	In-Situ Pressure Calibration System						\$507,50		
0059 C	CY4 Rav A	NIST Traceable Portable Pressure Standard								
	Basic	Acoustic Scaling Methodologies						Š		
	Rev A	Advanced Hazardous Gas Detection System Development								
	CY2 Rev A	Vibroacoustic Prediction for Ground Support Equipment								
	CY7 Basic	Cryogenics & Fluids Infrastructure & Cryogenics Test Lab O&M						\$717,8		
	CY2 Rev A	Thermal Insulation Materials for Cryogenic Applications								
	CY7 Basic	SBIR/STTR Support						\$208,1		
	CY3 Rev B CY2 Rev A	LETF DOD Load Testing Support E-nose for ISS and EVA								
<i>~~~~</i> • • •								5		
	CY 2 Posic	Tachairel Documentation Database Statem								
0074 C	CY 2 Basic Basic	Technical Documentation Database System  Laser Processing of Spaceport Materials						S		

Dese Design	d Table Order	C			CY	67		
	d Task Order	Surramery	<u> </u>	<del></del>		07		
Task Order			Adjusted Target Labor	Other Direct	Total Estimated		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00079 C	CY3 Basic	NGLT Project Management Support	*-					\$0
00080 C	CY6 Rev A	Software Process Improvement Effort						\$0
	CY7 Basic	MSBLS Flight Inspection System Support						\$116,345
	CY2 Rev A	Flight Modern Project						\$0
	CY7 Basic	Electronics Infrastructure						\$108,427
	CY7 Basic	Range Infrastructure						\$274,885
	CY7 Basic	Weather Projects Support						\$27,301
	CY7 Basic	Autonomous Flight Safety System (AFSS)						\$128,814
	CY7 Basic CY5 Rev A	Emerging Communication Technology (ECT) Space Based Telemetry and Range Safety (STARS)						\$177,736 \$0
	CY2 Rev B	Intelligent Cable Tester						\$0 \$0
	CY3 Rev B	KCCS Infrastructure Conversion						\$0 \$0
	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev						\$0
	CY7 Basic	NAVAIDS Flight Inspection System Development						\$54,377
	CY2 Rev A	Airborne Particle Counting						\$0
	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line						\$97,100
	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support						\$0
	CY 2 Rev B	Launch Exhaust Management Systems Phase II						\$0
	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades						\$0
00102	CY6 Rev C	Agency Security Update Service (ASUS)						\$128,639
00105 C	Basic	Failsafe Jackscrew						\$0
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist						\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads						\$0
	Basic	WB TAU Certification for Flowliner						\$0
	Basic	Cryolab Oxygen Monitor						\$0
	Basic	Fire Detection Evaluation						\$0
	Basic	Support Equipment Coating Study						\$0 \$0
	Rev A CY4 Rev A	RWGS Minature Smart Leak Sensor						\$0 \$0
	CY4 HeV A	Corrosion Testing of Airplane Wing Structures						\$0 \$0
	Basic	Spaceport Processing System LPS Survivability Task						\$0
	CY3 Rev B	KSC BTU Measurement System						\$0
	CY2 Rev B	Development of Portable Hydrazine Detector						\$0
	Rev B	STS-107 Investigation Support						\$0
	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)						\$0
	CY2 Rev A	Modeling of Advanced Physics Concepts						\$0
	CY2 Rev A	Thermal Insulation System Retrofit						\$0
00141 C	CY2 Rev A	Orbital Space Plane (OSP) Systems Engineering						\$0
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor						\$0
00143 C	Basic	Systems Engineering Tools Assessment						\$0
	CY 2 Rev B	Mars Dust Partical Analyzer						\$0
	CY 2 Rev B							\$0
	Rev A	ELV Lightning Detection Support						\$0
	Basic	Orbital Space Plane (OSP) Project MGMT Support						\$0
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR						\$0
00149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing						\$0
	Basic	Remote Imaging of Hydrogen and Helium Leaks						\$0
	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I						\$0
	Basic	Long Distance Transfer Piping						\$0
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement						\$0
		OTV System Modernization						\$0
	CY7 Basic	LSP Instrumentation Support						\$13,422
00156 C	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities						\$0
00157 C	Basic	Seawater Immersion Facility Support						\$0
00158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF						\$0
00159 C	CY4 Rev B	Millimeter Wave Imaging Support						\$0
	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt						\$0
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test						\$0
	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System						\$0
	CY2 Rev C	Experiment Management Unit (EMU) Development Support						\$0
1004010	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels						\$0
00165 C	CY2 Basic	RF Health Node						
	CY2 Basic CY2 Rev C CY2 Rev C	HF Health Node Hazardous Environment Equipment Upgrades Project Mgt Support of ETDC Lab Consolidation Project						\$0 \$0 \$0

Task		
Order		
C=Closed		Title
00170 C 00171 C	CY2 HeV C	ATDC Engineering Study and Implementation Plan Launch System Test-bed (LST) Infrastructure Support
00173 C	CY2 Basic	LPS Operations and Maintenance Support
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster
00176 C	CY2 Rev D	ISRU Quick Assessment
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)
00178 C	CY2 Rev A	Hyper Spill Detection System
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material
00180 C 00181 C	CY2 Rev E CY2 Rev B	New Microencapsulated Membrane
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS) Electrostatic Breakdown in Launch Vehicle Systems
00183 C	CY2 Basic	Vision Location System Research
00184 C	CY2 Rev A	LASER Repair Applications
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials
00187 00188 C	CY7 Basic	Hazardous Gas Detection Applications
00188 C	CY2 Rev A	intelligent Algorithms Improvement of Liquid Applied Coatings for Concrete
00199	CY7 Basic	Development Systems Support for SPS Development Lab
00193 C	CY2 Basic	Knowledge Management for Ground Processing
00194 C	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile
00195 C	CY4 Rev A	Return to Flight Ground Camera Project
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise
00200 C	CY4 Rev A	Ground Processing Shop Aids and Tools
00200 C	CY2 Rev A CY4 Rev C	Wind Flow Analysis of LaRC Wind Sensors Launch System Testbed O&M
00201 C	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings
00203 C	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System
00204 C	CY2 Basic	Development of Acoustic Estimate Tool
00205 C	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed
00206 C	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency
00207 C	CY3 Rev C	Ablator Impact Testing
00208 C 00209 C		Wireless Networks and Sensors
00209 C	CY2 Rev B CY4 Rev A	ESS Wireless Network Installation Constellation Project Management & System Engineering
00211 C	CY2 Basic	System Administrator Certifications
00212 C	CY4 Rev A	PCG2 System Support
00214 C	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study
00215 C	CY2 Rev A	HyTEX RF Health Node
00216 C	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering
00217 C 00218 C	CY5 Rev A	NAVAIR Coatings Study
00219 C	CY3 Rev A	ASTWG/ARTWG Conference Support Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation
00220	CY7 Basic	Non-Governmental VCS's and Standards
00221 C	CY3 Rev A	KCCS Infrastructure Conversion Project Integration
00222 C	CY5 Rev A	NESC Technical Support
00223 C	CY2 Basic	Coriolis Flow Meter Testing
00224 C	CY3 Rev B	SLF ATCT Equipment and Cable Installation
00225 C 00226 C	CY3 Rev B CY4 Rev B	ELV Contamination Monitoring Instrumentation Project Detection & Measurement of Water in Spaceflight Materials
00228 C	CY3 Rev B	NOAA-A GN2 Cooler System Documentation
00229 C	CY4 Rev A	De-painting Technology for Structural Steel
00230 C	CY5 Basic	Polyurethane Replacement Coatings
00231 C	CY4 Rev A	Intergated Intelligent Health Management System (OSF)
00232 C	CY4 Rev B	Self Validating Thermocouple System
00233 C	CY3 Rev C	Thermal Cntl Sys Mulit-layer Blankets Grounding & Electrostatic Eval
00234 C	CY2 Rev A	Environmental Monitoring Support
00235 C 00236 C	CY3 Rev A CY2 Basic	System Component Selection Tool Demonstration Project Advanced Eng Environment: Collaborative Tools & Need Baseline
00236 C	CY2 Basic CY2 Rev A	Advanced Englerivironment: Collaborative Tools & Need Baseline Hypergolic Trigger Level Sensor
00237 C	CY3 Rev A	Debris Recognition Camera Image Analysis
00239 C	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)
00240 C	CY2 Rev B	Simettalic Emulsion for PCB Extraction
00241 C	CY4 Rev A	Boeing Space Station Support
00242 C	CY3 Rev A	Usability Study of Virtual and Simulation Environments
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Healing Technology Development

Adjusted		Total			
Target Labor Costs	Other Direct Costs	Estimated Cost	Award Fee	incentive Fee	Total Cost &
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Base Perio	od Task Order	Summery			CY	07		
Task			Adjusted	Ott DIA	Total			
Order C=Closed	Revision	Title	Target Labor Costs	Other Direct Costs	Estimated Cost	Award Fee	Incentive Fee	Total Cost &
00247 C		Construction and Demolition Debris Characterization		COSIS	COST	Awaiu ree	ree	SO.
00248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation						\$0
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support						\$0
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO						\$0
00253 C	CY4 Rev A	Chemical Vapor Detection Expertise						\$0
00254 C	CY4 Rev A	Analytical Instrumentation Expertise						\$0
00255 C	CY3 Rev E	Wire Insulation and Membrane Expertise						\$0
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure						\$0
00257 C	CY5 Basic	Electrostatics and Surface Research						\$0
00258 C	CY5 Rev B	Environmental Remediation Expertise						\$0
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing						\$0
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support						\$0
00261 C	CY4 Basic	Commodity-Free Calibration						\$0
00262 C 00263 C	CY3 Rev E CY5 Rev A	Cryogenics Testbed Stand Down Recovery Plan Physics of Rocket Exhaust Cratering						\$0 \$0
00263 C	CY3 Rev E	Independent Technical Engineering Analaysis Support						\$0 \$0
00264 C	CY4 Rev B	Electrostatic Shielding of Spacecraft						\$0
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections						\$0
00267 C	CY3 Rev A	TDRSS Transceiver Test Bed Development						\$0
00269 C	CY4 Rev A	DoD Corrosion Policy and Conference Support						\$0
00203 C	CY5 Rev. A							\$0
00270 C	CY3 Rev D	Cryogenic In-line Flow Sensor						\$0 \$0
00271 C	CY3 Rev A	Portable, Hand-held Window Inspection Device						\$0
00272 C		e Cryogenic Applications of Shape Metal Alloy Technology						\$0 \$0
00273 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings						\$0
00274	CY7 Basic	CTC Program Support						\$143,301
00275 00276 C	CY 4 Basic	SOLLO Installation Support						\$143,301
00277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project						\$0
00277 C	CY5 Rev B	KSC Network Device Registry System						\$0
00279 C	CY3 Basic	Wireless Sensor Networks						\$0
00280 C	CY3 Rev B	Advanced Cable Tester Development						\$0
00281 C		RESOLVE						\$0
00282 C	CY3 Rev C	External Tank Infrared Radiation Heating						\$0
00284 C	CY3 Rev A	AVEMS CARTA 2005					1	\$0
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production					i	\$0
00286 C	CY3 Rev A	Lunar Regolith					i	\$0
00287 C	CY4 Rev B	Dust Particle Mitigation						\$0
00288 C	CY4 Rev A	ISHM Testbed and Prototypes						\$0
00289 C	CY4 Rev A	Advance Functional Test of Goembel Instrument Spacecraft Charge Mitr						\$0
00290 C	CY3 Basic	ESS Wireless Network Installation						\$0
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor						\$0
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors						\$0
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing						\$0
00294 C	CY5 Basic	EZVI Materials testing						\$0
00295 C	CY3 Rev A	Equipment Obsolescence Prioritites for CTC						\$0
00296 C	CY6 Rev B	Chemochromic Hydrogen Detection Expertise						\$0
00297		OCE and SMO Technical Support						\$0
00298	CY6 Rev B	Complex 20 Cryogenic Engineering Support						\$0
00299 C	CY3 Basic	VAB Siding Coatings Testing						\$0
00300 C	CY3 Basic	Black Powder Phenomena Study						\$0
00302 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support						\$0
00303 C	CY5 Rev. B							\$0
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng						\$0
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission						\$0
00307 C	CY4 Rev A	EVM Process Documentation						\$0
00308 C	CY5 Rev A	NDE Support at Michoud						\$0
00309 C	CY4 Basic	HLA for SGOS Research Activity						•
00309 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support						\$0
00311	CY7 Basic	Infrastructure						\$1,022,429
00312 C	CY4 Rev F	EVM Preparation						\$0
00314 C	CY4 Rev A	Near Field MSBLS Navset Development						\$0
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications						\$0
00317	CY6 Rev B	Imaging Systems Support						\$402,827
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CY 07

Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00318 C		Active fce Mitigation Technologies						\$0
00319 C 00320 C	CY4 Rev A CY5 Rev A	Advance Technology Development Center Support						\$0
00321 C	CY4 Rev A	KCCS Technology Update ESS Security						\$0
00321	CY6 Rev A	Electrostatic Separation of Regolith						\$0
00323 C	CY4 Basic	Study of Mobile Helium Conversion System						\$0
00325 C	CY5 Rev A	Evaluation of USMC Hatch Covers						\$0
00326 C	CY4 Rev D	SETI Migration						\$0 \$0
00327	CY7 Basic	Launch Site Quick Response Technical Support						\$397,950
00328	CY7 Basic	NESC Technical Support						\$85,288
00329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining						\$0
00330 C	CY4 Rev C	RTF Test Site Closeout						40
00331 C		Constellation Engineering Support						\$0
00332 C		Ground Camera Image Enhancement and Analysis						
00333	CY7 Basic	NASA AP2 Program Support						\$60,797
00335	CY7 Basic	LETF Constellation Program Support						\$5,136,347
00336 C	CY4 Rev A	IMU Simulator						
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						
00339 C	CY4 Rev A CY5 Rev C	TDRSS High Speed Dual Channel Transceiver Development High Performance Polyimide Based Powder Coatings						
	CY4 Rev A	Electrostatic Filtration of GN2 Systems						\$0
00342	CY7 Basic	Oxygen Production by Molten Salt						****
00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$906,362
00344	CY7 Basic	Regolith Volatile Characterization Expertise						\$11 <b>7,29</b> 3 \$73,634
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$73,634
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$0
00347 C	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$0
00348	CY7 Basic	IT Baseline Configuration Management Support						\$179,423
00349 C		Advanced Miniaturized Instrumentation and Control Node						
00350 C	CY4 Rev C	Fault-Tolerant PLC-Based Controller						
00351 C	CY5 Rev A	Solar Water Cracker						\$0
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$0
00353 C 00354 C	CY5 Rev B CY4 Rev A	NDE Super Problem Resolution Team Support						\$0
00355	CY7 Basic	Waste-to-Energy Helium and Hydrogen Recovery Birnetalic Treatment System for PCB Removal						\$0
00356 C	CY5 Rev B	Lightning Protection System Design						\$72,458
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$0
00359	CY7 Basic	KT Directorate Engineering Technical Services Support						\$83,453
00360 C	CY4 Rev B	Lightning Monitoring System Support						363,453
00361 C	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$0
00362	CY7 Basic	Laboratory Relocation to SLSL						\$129,258
00363	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$120,094
	CY5 Rev C	Bird Abatement						\$0
00365	CY7 Basic	NASA-STD-5008A Revision Support						\$45,339
00366	CY7 Basic	Operational Imaging Support						\$498,010
00367	CY7 Basic CY7 Basic	Consumables Transfer Technology Development Project Geotechnical Testing with Lunar Soil Simulants						\$203,091
00369	CY6 Rev B	Command, Control & Communication Development (CxP)						\$3,610
00370	CY7 Basic	Command, Control & Communication PMSE and I (CxP)						\$1,799,275
		Validation of CFD Analysis w LDV Test Data						\$575,047
00372	CY7 Basic	Shuttle Transition and Retirement						\$0
00373	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$467,973
00374 C	CY5 Rev A	3-D Scene Analysis						\$0 \$0
00375 C	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$0
00376 C	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						<b>4</b> 0
00377 C	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						\$0
00378	CY7 Basic	Specifications and Standards - CxP						\$876,524
00379 C		ML Electrical Systems Support (Exploration Ground Systems)						\$0
00380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$326,826
00381 C 00382	CY6 Rev B CY6 Rev C	Safety and Mission Assurance CxP Support Constellation Business Management						\$0
00383 C	CY5 Rev B	Architecture of a Lunar Instrument						\$3,058,612
00384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$0 \$0
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Base Perio	od Task Order	Summery			CY	07		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimeted		Incentive	Total Cost &
C=Closed	***************************************	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00385		Constellation Project Configuration Management						\$369,876
00386 00387 C	CY7 Basic CY5 Rev A	Command and Control ARES Smart Network Elements (SNE) Prototype Fabrication						\$384,829
00388	CY6 Rev A	Launch Coating Operations Support						\$0
00389	CY6 Rev. A							\$0
00390 C		ARES I-1 Pull-Off Umbillical Testing Preparations						\$2,812,021 \$0
00392	CY7 Basic	VAB High Bay Modification						
00393	CY6 Basic	LCC Firing Room #1 Modification						\$1,155,740 \$0
00394	CY7 Basic	Hangar AF Modification						\$460,647
00395 C	CY5 Rev. A	Ares I-1 Pad B Integration						\$0
00396	CY7 Basic	Constellation LC-39B Integration						\$537,327
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$2,307
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$412,003
00399	CY6 Basic	Window Defect Inspection Device						\$0
00400	CY7 Basic	USTDC Design and Development Support						\$1,507,147
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$0
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$0
00403	CY6 Basic	LSE Communications System Support						\$0
00405 C	CY6 Rev A	Application of Dust Screen Electrodes						\$0
00406 C	CY5 Rev. A	Electrostatic Characterization of Lunar Dust						\$0
00407 C 00408 C	CY5 Rev. A	Impregnation of Lunar Simulant with SEZVI						\$0
00409	CY5 Rev A CY7 Basic	Low Temp Processing of Lunar Regolith to Produce O2						\$0
00409	CY7 Basic	O2 Production System Modeling Integration Support to Const (CxP) Ground Syst Development						\$19,750
00411 C	CY5 Rev B	Cryogenic Tank Insulation Test Support						\$2,441,116
00412	CY6 Rev H	Dust Mitigation						\$0
00415	CY6 Rev A	NASA Consolidation of Active Directory Support						\$337,514
00416 C	CY6 Rev A	Coatings Support						\$0
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$0 \$0
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$15,828
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis						\$13,626
00421	CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP						\$378,783
00422	CY6 Rev B	Non-Destructive Evaluation Technologies Development						\$0
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$2,377,169
00424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$0
00425	CY6 Rev D	CLV Mt. Fluid Systems						\$3,741,348
00426	CY7 Basic	Electrical and Control & Data Division EDL Lab Support						\$955,865
00427	CY6 Basic	Solar Thermo Molecular Sieve H2/O2 Production						\$0
	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.						\$0
00429	CY7 Basic	Data Presentation and Visualization						\$1,056,282
00430	CY6 Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst						\$0
	CY6 Rev A	Digital Image Inspection for Spacecraft Processing						\$0
	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks						\$0
	CY5 Rev B CY6 Rev A	Photonic Bandgap (PBG) Shielding Technology						\$0
00435 C	CY6 Rev A	AR7 Coating Replacement Polylmide Based Powder Coatings						\$0
00436 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods						\$0
00437 C	CY6 Rev A	IR Leak Visualization						\$0 \$0
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst						\$0 \$0
00440	CY7 Basic	IPP Ground Operations Health Management						\$12,012
00441	CY7 Basic	IPP Self-Healing Wiring						\$35,333
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript						\$0
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)						\$0
00444	CY7 Basic	IPP Nanosensors						\$23,380
00445	CY7 Basic	White Light Interferometric Depth Gage						\$24,694
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification						\$0
00447	CY7 Basic	Hypergol Detection						\$16,432
00448	CY6 Basic	PC Based Command & Telemetry Workstation						\$0
	CY6 Rev B	Coastal Radar Video Surveillance System						\$0
00450	CY7 Basic	CTC Equipment Obsolescence Implementation						\$181,994
	CY5 Rev B	Experimental Imaging Lab Infrastructure						\$0
00453	CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.						\$6,979,347
00454 C	CY5 Rev A	ATM Transmission System Replacement						\$0

Base Perio	od Task Order	Summary			CY	07		
Task Order			Adjusted Target Labor	Other Direct	Total Estimated			
C≔Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Incentive Fee	Total Cost &
00455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support				A		.so
00457	CY6 Rev A	Materials Science Lab Support						\$108,507
00458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						\$3,476,209
00459	CY7 Basic	Engineering Analysis for Constellation						\$181,393
00461	CY7 Basic	TEERM and AFSPC Program Support						\$22,215
00462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems						\$476,677
00463	CY7 Basic	Smart Coatings for Corrosion Detection and Control						\$379,708
00464 C 00465	CY5 Rev B CY6 Rev C	RF Health Node SensorNet Flight of Opportunity Technology Investment in Cryogenic Applications						\$0
00466	CY6 Rev A	Optical Properties of Lunar Soil Erosion						
00467	CY6 Rev A	NASA Lessons Learned Program Support						
00468	CY7 Basic	Polymer Science and Technology Lab Support	*** ***					\$70,982
00469	CY6 Rev B	Electrostatic Research on Martian Soil						\$70,982
00470	CY7 Basic	Excavation Hardware Development						\$60,385
00471	CY7 Basic	Lunar Soli Dust Standards Development						\$8,637
00472	CY7 Basic	IT System Services infrastructure						\$377,798
00473	CY7 Basic	US Army Vehicle Coating Study						\$5,634
00474	CY6 Basic	CLV/VEV Processing & Access GSE in the VAB						\$0
00475	CY6 Rev B	Hangar AF GSE for CxP						\$0
00476	CY7 Basic	KSC Hydrogen Dispensing Station						\$2,579
00477	CY7 Basic	Corrosion Labs						\$322,659
00478	CY7 Basic	Applied Chemisty Labs Infrastructure						\$331,294
00479 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives						\$0
00480	CY7 Basic	System(s) @ LC398						\$40,432
00481	CY7 Basic CY7 Basic	ISRU Beneficiation Heatshield Adapter						\$90,984
00483	CY6 Rev B	ATXS Replacement Support						\$261,021
00484	CY7 Basic	ARL Coatings and Corrosion Research						\$0
00485	CY6 Rev B	S&MA Products for CxP Subsystem Development						\$23,987 \$3,041,475
00486	CY7 Basic	Design Engineering Handbook						\$262,528
00487	CY7 Basic	XPS Support						\$19,449
00488	CY6 Rev C	Shuttle Lightning Instrumentation Support						\$22,806
00489	CY7 Basic	Excavation Modeling System						\$10,006
00490	CY7 Basic	ROXYGEN Regolith Feed System						\$68,976
00491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo						\$85,126
00492	CY6 Basic	Infrared Camera-Based Fire Detection						\$0
00493	CY7 Basic	Remote Measurements of Glass Defects						\$46,620
00494 00495	CY7 Basic	PELT Sensor - Phase 2						\$6,604
00496	CY7 Basic CY7 Basic	ISRU Systems Demo - ROXYGEN CNT Ink for Dust Mitigation						\$166,889
00497	CY7 Basic	LX-C & UB Special Spt for CxP						\$65,615
00498 C	CY6 Rev A	S&MA Analysis for the Constellation Ground Sys/Elements						\$190,147 <b>\$</b> 0
00499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development						\$59,958
00500	CY7 Basic	CEV Service Module Leakage Flow Sensor						\$14,700
00501	CY7 Basic	Software Process Improvement						\$185,122
00502	CY7 Basic	Physics Concepts Support						\$20,939
00503 C	CY6 Rev A	Non-Hazardous Hydrazine Neutralization						,
00504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support						\$98,332
00505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad						\$47,197
00507	CY6 Basic	Helium Sensing & Purge Gas Reclamation						
00508 00509	CY7 Basic CY7 Basic	GMSSL Infrastructure Support						\$33,509
00510		Spacecraft Processing Element (SPE) Electrical Support						\$686,089
00511	CY7 Basic CY7 Basic	New Materials for Structural Composites and Conductive Coat NAVAIR Support for Non-Chrome Coatings						\$19,603
00512	CY6 Rev D	Online Wiring Diagnostics						\$27,846
00512	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$0
00514 C	CY6 Rev C	Mechanical Systems Dust Assessment						\$62,761
00515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.						\$0
00521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.						\$33,061
00522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation						\$50,309 \$19,223
00524	CY6 Rev A	NASA Materials Science WCSP/WCSD Server Sys. Admin.					1	\$19,223 \$47,924
00525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II						\$29,760
00526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware						\$63,109

	od Task Orde	· Gallataty	CY 07						
Task Order			Adjusted Target Labor	Other Direct	Total Estimated		Incentive	Total Cost	
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee	
00527	CY7 Basic	NASA Engineering (NE) Information Security Protection	**** ***	**				\$872.	
00528	CY7 Basic	Parallel Cryogenic Pumping Capability						\$16.	
0529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						\$14.	
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						\$98.	
0532	CY6 Rev A	Flow Detection System for WCCS						\$28.	
0533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						\$34.	
0534	CY7 Basic	Cryogen Storage in Aerogel Composites						\$52,	
0535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$5,	
0536	CY7 Basic	Mars Architecture Team (MAT) Study						\$13.	
0537	CY6 Basic	Crawlerway Foundation Study						4.0,	
0538	CY6 Rev A	PAD 39B CLV LH2						\$72,	
0539	CY7 Basic	NDE Techniques for Monitoring Fairings						\$28.	
0540	CY7 Basic	Aerocoat.AR-7						\$31.	
0541	CY6 Rev A	Orion SPE Fluid Systems						\$857.	
0542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$173,	
0543	CY7 Basic	LSP Facilities Project Management Support						\$100,	
0544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						\$19,	
0546	CY6 Basic	Software Development for Rapid Propellant Loading						\$351.	
0547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$939.	
0548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$220,	
0549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						\$182	
0550	CY7 Basic	LETF Constellation Test Support						\$34,	
0551	CY6 Basic	Coastal Radar Video Surveillance System Installation						\$674.	
0552	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						\$732.	
0554	CY7 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						\$50.	
0556	CY6 Basic	NASA PH-N Logistics Engineering Support						\$915.	
0557	CY7 Basic	ESTCP Coating Test						\$15,	
0558	CY7 Basic	Dust Mitigation for Solar Panels						\$102,	
0559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process				4		\$102, \$44.	
0560	CY7 Basic	MPPF Upgrade CxP Project Support				ŕ		\$ <del>94</del> ,	
0561		Online Real-Time Cable Defect Re-Routing System						\$49.	
	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						\$107.	
	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						\$66,	
	CY7 Basic	Propellant Conditioning						\$25,	
	CY7 Basic	Constellation Logistics Support Analysis						\$2.003.	
	CY7 Basic	VIE Handling and Access GSE Design						\$489,	
		IT Communications System Support						\$352.	
	CY7 Basic	Applied Technology (KT) Information Technology Security Support						\$53,	
		Launch Vehicle Proccessing Business/Technical Resource						\$251,	
		ISS and Spacecraft Processing Support						\$607,	
		Process Management Support for Crew Launch Vehicle						\$253.	
	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$244,	
	CY6 Basic	System Maintenance Engineering Support for TA						\$202.	
	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						\$62.	
		Aerogel Blanket insulation for Space Environments						\$62, \$74,9	
587		CxP Spacecraft Recovery and Retrieval Support						\$74,: \$158,:	
		TOTAL						\$73,574,	
		ADJUSTMENT TO ACTUALS						, -, ·,	
								\$73,574,	

00064	Bass Daris	d Took Order	Summaru			CY 0	8		
Target	base Perio	d lask Order	Summary						
Coath	Task				Other Direct			Incentive	Total Cost &
COUNTY   Pass   County   Cou			Tialo				Award Fee		
CODIC   Corporation   Company   Corporation   Corporatio									\$0
CODDIT   C   VI Basic   C   VI Bas			Calibration Maintenance for SERT Labs. Testbeds Div & Labs		\$0	\$0			
COV-12   Dealer   Cov-12   D				\$0	\$0	\$0			
CODDITION   COVERNO   CONTINUENCE   CONTINUENCE   COVERNO   COVE									
COCOT   Control   Frame   Fr									
COCCUS   C C Y 2 Basic   Communication Production   Society   So			Hydrogen Peroxide Decomposition						
COCCUS   Corp.   Section   00008 C	Rev A								
Court   Cour	00009 C	CY2 Basic	Army Corrosion Retardant Additive Testing						
CONTIC   CY   2 Per   CY   Modernation   Production and representation   Society   S	00012 C								
Control   Cont	00013 C								
Control   Cont									
Methods   Company   Methods   Company   Methods   Company   Methods   Company   Comp									
Motified   CFF New C   Proceedings   CFF New C   CFF New C   Proceedings   CFF New C   Proceedings   CFF New C   CFF New C   Proceedings   CFF New C   Proceedings   CFF New C   CFF New C   Proceedings   CFF New C   CFF								\$0	\$0
Company   Comp								\$0	\$0
					-	\$0	\$0	\$0	\$0
100022   C   Basic						\$0	\$0	\$0	. \$0
				\$0	\$0				
Display   Court   Display   Emergency Broadcast Cable TV Alert System   So   So   So   So   So   So   So   S				\$0	\$0	\$0			
1,00026 C   Ray A   Halon Repiacement   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$				\$0					
D00026 C V7 Basic   Doctrostatics and Malerials Physics Testbed   \$0									
D0026 C   CV2 Rev B   Electrostatic & Surface Physics R&D   S0   S0   S0   S0   S0   S0   S0   S			Electrostatics and Materials Physics Testbed						
D0029   C   Basic   Payload Contamination Monitoring   S0   S0   S0   S0   S0   S0   S0   S									
100031   C77 Basic   Development for Not instanction of Not State (Not Stat		Basic							
00032   C Y Basic   C Y Basi	3"	CY7 Basic	Development of KSC Infrastructure Documentation						
100332   C 779 Basic   Filton-d-curriety Support   S	00031	CY7 Basic	Miscellaneous Operations Support						
100034 C   77 8 Rev C   100035 C   10003 Rev Rev C   10003 Rev Rev Rev Rev Rev Rev Rev Rev Rev Rev	00032 C	CY4 Basic							
100035   C   C/3 Basic   C   C/3 Basic   C   C/3 Basic   C   C   C   C   C   C   C   C   C			LETF & Instrumentation O&M						
100036 C   CY3 Rev A   Mech, Struct, & Controle & GSE Dev Lab O8M   S0   S0   S0   S0   S0   S0   S0   S						-			
CO038   C   C   C   C   C   C   C   C   C									
00039 C   Basic   PGHMA Enhancements and Technical Support   50   50   50   50   50   50   50   5									
00041   C   C'\3 Rev B   Systems Engineering (NGLT)   So   So   So   So   So   So   So   S							\$0	\$0	\$0
COD42   CY7 Basic   Engineering Technical Services Support & CAD/CAE Support   S0   S0   S0   S0   S0   S0   S0   S							D \$0	) <b>\$</b> (	
COCC  CY7 Basic   CY7 Basic			Engineering Technical Services Support & CAD/CAE Support	\$	o \$0				
Name			Innovative Partnership Program Office Support	\$	0 \$0				
COUAST   CY7   Basic   CY6   Rev A   COUAST   CY7   Basic   CY7   Basi				\$		-			
COC046   CY6 Rev. A   ISS Support Equipment Fabrication, Integration, and Testing   S0   \$0   \$0   \$0   \$0   \$0   \$0   \$0									
COCA7 C			ISS Support Equipment Fabrication, Integration, and Testing						
COUGS   C   Faste   C   Fast		CY3 Rev A							
COUDST C   CY6 Ray B   GSE Controls Integration   SO   SO   SO   SO   SO   SO   SO   S	00049	CY7 Basic							
OCC51 C									
COCCS2         CYR Bays of Command and collind Leadwith Immediate Support         \$0<	1								
OCC53 C   Sasic   CV7   Basic   SSPF Transducer Laboratory Support   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$									
00056 C   CY4   Rev B   Shuttle Transducer Development   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$									
O0055 C   CY2 Basic   In-Situ Prassure Claibration System   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$	1							) <b>S</b> i	\$0
00058 C         CY2 Basic         In-Situ Pressure Calibration System         \$0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5 \$</td><td>\$0</td></t<>								5 \$	\$0
00059 C         CY4 Rev A         NIST Traceable Portable Pressure Standard         \$0							0 \$6	) <b>\$</b>	50 \$0
Note   C   Pasic   Acoustic Scaling Methodologies   S0   S0   S0   S0   S0   S0   S0   S			•	5	iO \$1	) \$	0 \$0	) \$	
00061 C         Rev A         Advanced Hazardous Gas Detection System Development         \$0 <td></td> <td></td> <td></td> <td>\$</td> <td>iO \$1</td> <td>•</td> <td></td> <td></td> <td></td>				\$	iO \$1	•			
00062 C         CY2 Rev A         Vibroacoustic Prediction for Ground Support Equipment         \$0									
00063         CY7 Basic         Cyogenics & Fluids Infrastructure & Cyogenics Test Lab O&M         \$0         <									
00064 C         CY2 Rev A         Thermal Insulation Materials for Cryogenic Applications         \$0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
00070   CY7 Bear   Dolumentation Database System   \$0	00064 C	CY2 Rev A	Thermal insulation Materials for Cryogenic Applications						
00071 C CY2 Rev A   E-nose for ISS and EVA   \$0   \$0   \$0   \$0   \$0   \$0   \$0   \$	00070	CY7 Basic							
00074 C   CY 2 Basic   Technical Documentation Database System									
00076 C Basic Laser Processing of Spaceport Materials \$0 \$0 \$0 \$0 \$0									
1000/6 C Basic Casel Processing of Spaceport materials									
[UUU/6 C CT∠ DBSIC Culprisance Dased Denisors									
	1000/8 C	, UTZ Basic	Capulation Dased Selects	•	<b>•</b>	-		•	

Base Perio	od Task Order	r Summary			CY	8		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	fee
00079 C	CY3 Basic	NGLT Project Management Support	\$0	\$0	\$0	\$0	\$0	\$0
00080 C	CY6 Rev A	Software Process Improvement Effort	\$0	\$0	\$0	\$0	\$0	\$0
00081	CY7 Basic	MSBLS Flight Inspection System Support	\$0	\$0	\$0	\$0	\$0	\$0
00082 C	CY2 Rev A	Flight Modern Project	\$0	\$0	\$0	\$0	\$0	\$0
00083	CY7 Basic	Electronics Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0
00084	CY7 Basic CY7 Basic	Range Infrastructure Weather Projects Support	\$0	\$0	\$0	\$0	\$0	\$0
00086	CY7 Basic	Autonomous Flight Safety System (AFSS)	\$0	\$0	\$0	\$0	\$0	\$C
00087	CY7 Basic	Emerging Communication Technology (ECT)	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00088 C	CY5 Rev A	Space Based Telemetry and Range Safety (STARS)	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0
00089 C	CY2 Rev B	Intelligent Cable Tester	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
00090 C	CY3 Rev B	KCCS Infrastructure Conversion	\$0	\$0	\$0	\$0 \$0	\$0 \$0	
00091 C	Basic	Signal Conditioning Amplifier Recorder(SCAmpR) Protoype Dev	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00092	CY7 Basic	NAVAIDS Flight Inspection System Development	\$0	\$0	\$0	\$0	\$0	\$0
00093 C	CY2 Rev A	Airborne Particle Counting	\$0	\$0	\$0	\$0	\$0	\$0
00094	CY7 Basic	KPRO Kennedy Space Center Projects & Resources On-line	\$0	\$0	\$0	\$0	\$0	\$0
00096 C	CY2 Rev C	Operational Spaceport Office Project Control & Integration Support	\$0	\$0	\$0	\$0	\$0	\$0
00098 C	CY 2 Rev B	Launch Exhaust Management Systems Phase II	\$0	\$0	\$0	\$0	\$0	\$0
00099 C	CY3 Basic	Sonic Lightning Locator (SOLLO) Upgrades	\$0	\$0	\$0	\$0	\$0	\$0
00102	CY6 Rev C	Agency Security Update Service (ASUS)	\$0	\$0	\$0	\$0	\$0	\$0
00105 C	Basic	Failsafe Jackscrew	\$0	\$0	\$0	\$0	\$0	\$0
00111 C	Basic	Closed-end Launch Tube (CELT) Pnuematic Launch Assist	\$0	\$0	\$0	\$0	\$0	\$0
00115 C	CY3 Basic	Camera Measurement System for Payload Positioning at Pads	\$0	\$0	\$0	\$0	\$0	\$0
00119 C	Basic	WB TAU Certification for Flowliner	\$0	\$0	\$0	\$0	\$0	\$0
00120 C	Basic	Cryolab Oxygen Monitor	\$0	\$0	\$0	\$0	\$0	\$0
00121 C	Basic	Fire Detection Evaluation	\$0	\$0	\$0	\$0	\$0	\$0
00122 C	Basic	Support Equipment Coating Study	\$0	\$0	\$0	\$0	\$0	\$0
00123 C	Rev A	RWGS	\$0	\$0	\$0	\$0	\$0	\$0
00125 C	CY4 Rev A	Minature Smart Leak Sensor	\$0	\$0	\$0	\$0	\$0	\$0
00126 C	CY3 Rev A	Corrosion Testing of Airplane Wing Structures	\$0	\$0	\$0	\$0	\$0	\$0
00127 C	Basic	Spaceport Processing System LPS Survivability Task	\$0	\$0	\$0	\$0	\$0	\$0
00131 C	CY3 Rev B	KSC BTU Measurement System	\$0	\$0	\$0	\$0	\$0	\$0
00132 C	CY2 Rev B	Development of Portable Hydrazine Detector	\$0	\$0	\$0	\$0	\$0	\$0
00134 C	Rev B	STS-107 Investigation Support	\$0	\$0	\$0	\$0	\$0	\$0
00135 C	CY5 Rev. A	Hydrazine Detection Systems (Mini Mass Spectrometer)	\$0	\$0	\$0	\$0	\$0	\$0
00137 C 00140 C	CY2 Rev A	Modeling of Advanced Physics Concepts Thermal Insulation System Patrofit	\$0	\$0	\$0	\$0	\$0	\$0
00140 C	CY2 Rev A	Thermal Insulation System Retrofit Orbital Space Plane (OSP) Systems Engineering	\$0	\$0	\$0	\$0	\$0	\$0
00142 C	CY4 Rev A	High Pressure, High Shock Mass Level Sensor	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00142 C	Basic	Systems Engineering Tools Assessment	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00144 C	CY 2 Rev B	Mars Dust Partical Analyzer	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0
	CY 2 Rev B		\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
	Rev A	ELV Lightning Detection Support	\$0	\$0	\$0 \$0	\$0	\$0	\$0
00147 C	Basic	Orbital Space Plane (OSP) Project MGMT Support	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0
00148 C	CY2 Rev C	Project Admin for the ASR-11 Shiloh RADAR	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
	0.27.070	region ration to the receiver the second	40	40	40	90	30	30
00149 C	CY2 Basic	Retrieval of NASA Problem Reports Using Natural Language Processing	\$0	\$0	\$0	\$0	\$0	\$0
00150 C	Basic	Remote Imaging of Hydrogen and Helium Leaks	\$0	\$0	\$0	\$0	\$0	\$0
00151 C	CY 2 Rev B	Payload/Fairing Flowfield Testing for CFD Validation - Phase I	\$0	\$0	\$0	\$0	\$0	\$0
	Basic	Long Distance Transfer Piping	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev C	Spaceport Engineering and Technology Process Improvement	\$0	\$0	\$0	\$0	\$0	\$0
	CY 2 Rev B	OTV System Modernization	\$0	\$0	\$0	\$0	\$0	\$0
00155	CY7 Basic	LSP Instrumentation Support	-\$0	\$0	\$0	\$0	\$0	\$0
	CY 2 Rev C	Assessment of Bio and Phy Sample Processing Capabilities	\$0	\$0	\$0	\$0	\$0	\$0
	Basic	Seawater Immersion Facility Support	\$0	\$0	\$0	\$0	\$0	\$0
00158 C	CY4 Rev C	Non-Destructive Examination Support in Preparation for RTF	\$0	\$0	\$0	\$0	\$0	\$0
00159 C	CY4 Rev B	Millimeter Wave Imaging Support	\$0	\$0	\$0	\$0	\$0	\$0
00160 C	CY2 Basic	Minature Joule Thomson (JT) Cryocoolers for Propellant Mgt	\$0	\$0	\$0	\$0	\$0	\$0
00161 C	Basic	Delta IV Heavy Lift Vehicle Forward Pallet ABS Calibration Test	\$0	\$0	\$0	\$0	\$0	\$0
00162 C	CY2 Rev C	ELV Cryogenic Lightweight Mass Gauging System	\$0	\$0	\$0	\$0	\$0	\$0
00163 C	CY2 Rev C	Experiment Management Unit (EMU) Development Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Rev A	Certification of Mech Failure Analysis Lab GHE & GN2 Panels	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Basic	RF Health Node	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Rev C	Hazardous Environment Equipment Upgrades	\$0	\$0	\$0	\$0	\$9	\$0
	CY2 Rev C	Project Mgt Support of ETDC Lab Consolidation Project	\$0	\$0	\$0	\$0	\$0	\$0
00169 C	CY2 Basic	ELV GN2 Pressure Reducing Panel	\$0	\$0	\$0	\$0	\$0	\$0

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Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated			
C=Closed		Title	Costs	Costs	Cost	Award Fee	Incentive	Total Cost &
00170 C	CY2 Rev C	ATDC Engineering Study and Implementation Plan	\$0	\$0	\$0	\$0	Fee \$0	fee
00171 C	CY2 Basic	Launch System Test-bed (LST) Infrastructure Support	\$0	\$0	\$0	\$0 \$0	\$0	\$0
00173 C	CY2 Basic	LPS Operations and Maintenance Support	\$0	\$0	\$0	\$0 \$0		\$0
00174 C	CY3 Rev B	Oxidation of NO to NO2 with Hydrogen Peroxide Thruster	\$0	\$0	\$0	\$0	\$0	\$0
00176 C	CY2 Rev D	ISRU Quick Assessment	\$0	\$0	\$0	\$0	\$0 \$0	\$0
00177 C	CY2 Rev D	Emulsified Zero-Valent Iron (EZVI)	\$0	\$0	\$0	\$0	\$0	\$0
00178 C	CY2 Rev A	Hyper Spill Detection System	\$0	\$0	\$0	\$0	\$0	\$0
00179 C	CY2 Rev E	Polymide Wire Insulation Repair Material	\$0	\$0	\$0	\$0	\$0 \$0	\$0
00180 C	CY2 Rev E	New Microencapsulated Membrane	\$0	\$0	\$O	\$0	\$0 \$0	\$0
00181 C	CY2 Rev B	Small Autonomous Mass Spectrometer (SAMS)	\$0	\$0	\$0	\$0	\$0 \$0	\$0
00182 C	CY2 Rev B	Electrostatic Breakdown in Launch Vehicle Systems	\$0	\$0	\$0	\$0	\$0 \$0	\$0
00183 C	CY2 Basic	Vision Location System Research	\$0	\$0	\$0	\$0	\$0	\$0
00184 C	CY2 Rev A	LASER Repair Applications	\$0	\$0	\$O	\$0	\$0	\$0
00185 C	CY2 Rev B	Electro-Optic Electric Field Measurements	\$0	\$0	\$0	\$0	\$0	\$0
00186 C	CY2 Rev B	Application of AGDP to alter Surface Properties of Materials	\$0	\$0	\$0	\$0	\$0	\$0
00187	CY7 Basic	Hazardous Gas Detection Applications	\$0	\$0	\$0	\$0	\$0	\$0
00188 C	CY2 Rev A	Intelligent Algorithms	\$0	\$0	\$0	\$0	\$0	\$0
00189 C	CY2 Rev A	Improvement of Liquid Applied Coatings for Concrete	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00190	CY7 Basic	Development Systems Support for SPS Development Lab	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00193 C	CY2 Basic	Knowledge Management for Ground Processing	\$0	\$0	\$0	\$0	\$0	
1	CY3 Rev C	Impact Penetration Sensor System for RC & LI900 Tile	\$0	\$0	\$0	\$0		\$0
	CY4 Rev A	Return to Flight Ground Camera Project	\$0	\$0	\$0	\$0	\$0 \$0	\$0
00198 C	CY4 Basic	USTDC RTF Project Mgt and Technincal Expertise	\$0	\$0	\$0	\$0	\$0	\$0
00199 C	CY4 Rev A	Ground Processing Shop Aids and Tools	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Rev A	Wind Flow Analysis of LaRC Wind Sensors	\$0	\$0	\$0	\$0	\$0 \$0	\$0
	CY4 Rev C	Launch System Testbed O&M	\$0	\$0	\$0	\$0 \$0	\$0	\$0
	CY3 Rev C	Performance Evaluation of Rapid Cure Coatings	\$0	\$0	\$0	\$0	\$0 \$0	\$0
	CY2 Rev C	Hypergolic Fuel and Oxidizer Leak Detection System	\$0	\$0	\$0	\$0	\$0 \$0	\$0
	CY2 Basic	Development of Acoustic Estimate Tool	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Rev A	Liquid Hydrogen Test Station at Cryogenic Testbed	\$0	\$0	\$0	\$0	\$0 \$0	\$0
	CY5 Rev B	Formulation of Polymer Materials for ESD & Flame Retardency	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev C	Ablator Impact Testing	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev A	Wireless Networks and Sensors	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY2 Rev B	ESS Wireless Network Installation	\$0	\$0	\$0	\$0	\$0	
	CY4 Rev A	Constellation Project Management & System Engineering	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Basic	System Administrator Certifications	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY4 Rev A	PCG2 System Support	\$0	\$0	\$0	\$0	\$0	\$0
3	CY5 Rev D	Concurrent Technology Corporation (CTC) Coupon Study	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00215 C	CY2 Rev A	HyTEX RF Health Node	\$0	\$0 .	\$0	\$0	\$0	\$0 \$0
	CY3 Rev B	NGLT Systems Analysis Project Systems Engineering	\$0	\$0	so	\$0	\$0	\$0
	CY5 Rev A	NAVAIR Coatings Study	\$0	\$0	so	\$0	\$0	\$0 \$0
	CY6 Rev A	ASTWG/ARTWG Conterence Support	\$0	\$0	\$0	\$0	\$0	\$0 \$0
1	CY3 Rev A	Enhanced Wide-band Micro Tri-axial Unit (EWBMTAU) Evaluation	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY7 Basic	Non-Governmental VCS's and Standards	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev A	KCCS Infrastructure Conversion Project Integration	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Rev A	NESC Technical Support	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Basic	Coriolis Flow Meter Testing	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev B	SLF ATCT Equipment and Cable Installation	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev B	ELV Contamination Monitoring Instrumentation Project	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Detection & Measurement of Water in Spaceflight Materials	\$0	\$0	\$0	\$0	\$0	\$O
	CY3 Rev B	NOAA-A GN2 Cooler System Documentation	\$0	\$0	\$0	\$0	\$0	\$O
	CY4 Rev A	De-painting Technology for Structural Steel	\$0	\$0	\$0	\$0	\$0	\$0
	CY5 Basic	Polyurethane Replacement Coatings	\$0	\$0	\$0	\$0	\$0	· \$0
	CY4 Rev A	Intergated Intelligent Health Management System (OSF)	\$0	\$0	\$0	\$0	\$0	\$0
	CY4 Rev B	Self Validating Thermocouple System	\$0	\$0	\$0	\$0	\$0	\$0
	CY3 Rev C	Thermal Cnti Sys Mulit-layer Blankets Grounding & Electrostatic Eval	\$0	\$0	\$0	\$0	\$0	\$0
	CY2 Rev A	Environmental Monitoring Support	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY3 Rev A	System Component Selection Tool Demonstration Project	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY2 Basic	Advanced Eng Environment: Collaborative Tools & Need Baseline	\$0	\$0	\$0	\$0	\$0 \$0	\$0
	CY2 Rev A	Hypergotic Trigger Level Sensor	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
		Debris Recognition Camera Image Analysis	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
	CY4 Rev C	Cost Efficient Storage and Transfer (CESAT)	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
	CY2 Rev B	Bimettalic Emulsion for PCB Extraction	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY4 Rev A	Boeing Space Station Support	\$0	\$0	\$0	\$0	\$6	\$0 \$0
	CY3 Rev A	Usability Study of Virtual and Simulation Environments	\$0	\$0	\$0	\$0	so	\$0 \$0
00244 C	CY2 Rev B	Wire Insulation Repair & Self-Heating Technology Development	\$0	\$0	\$0	\$0	\$0	\$0 \$0
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Base Perio	od Taek Orde	Summery	<u> </u>		CYO	6		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimeted		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00247 C	CY3 Rev A	Construction and Demolition Debris Characterization	\$0	\$0	\$0	\$0	\$0	\$0
00248 C	CY5 Rev B	Moisture/Aging Study of Spray on Foam Insulation	\$0	\$0	\$0	\$0	\$0	\$0
00249 C	CY3 Basic	Micro-Wireless Instrumentation System Inventory Support	\$0	\$0	\$0	\$0	\$0	\$0
00250 C	CY2 Rev A	Hydrazine Leak Detector Test for CALIPSO	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
00253 C	CY4 Rev A	Chemical Vapor Detection Expertise	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
00254 C 00255 C	CY4 Rev A CY3 Rev E	Analytical Instrumentation Expertise Wire Insulation and Membrane Expertise	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00256 C	CY5 Rev D	Vibration Test Facility Operation & Maintenance Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0
00257 C	CY5 Basic	Electrostatics and Surface Research	\$0	\$0	\$0	\$0	\$0	\$0
00258 C	CY5 Rev B	Environmental Remediation Expertise	\$0	\$0	\$0	\$0	\$0	\$0
00259 C	CY4 Rev B	NESC SRB Stud Hang-up Testing	\$0	\$0	\$0	\$0	\$0	\$0
00260 C	CY3 Rev A	Thermal and Fluids Analysis Workshop Support	\$0	\$0	\$0	\$0	\$0	\$0
00261 C	CY4 Basic	Commodity-Free Calibration	\$0	\$0	\$0	\$0	\$0	\$0
00262 C	CY3 Rev E	Cryogenics Testbed Stand Down Recovery Plan	\$0	\$0	\$0	\$0	\$0	\$0
00263 C	CY5 Rev A	Physics of Rocket Exhaust Cratering	\$0	\$0	\$0	\$0	\$0	\$0
00264 C	CY3 Rev E	Independent Technical Engineering Analaysis Support	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0
00265 C	CY4 Rev B	Electrostatic Shielding of Spacecraft Three Dimensional Regarded Leges Corrections	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
00267 C	CY4 Rev A	Three Dimensional Boundry Layer Corrections	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
00268 C 00269 C	CY3 Rev A	TDRSS Transceiver Test Bed Development DoD Corrosion Policy and Conference Support	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0
00209 C	CY4 Rev A CY5 Rev. A		\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0
00270 C	CY3 Rev D	Cryogenic In-line Flow Sensor	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00271 C	CY3 Rev A	Portable, Hand-held Window Inspection Device	\$0	\$0	\$0	\$0	\$0	\$0
00272 C		e Cryogenic Applications of Shape Metal Alloy Technology	\$0	\$0	\$0	\$0	\$0	\$0
00274 C	CY3 Rev A	Lanthanide Based Hydrogen Sensitive Coatings	\$0	\$0	\$0	\$0	\$0	\$0
00275	CY7 Basic	CTC Program Support	\$0	\$0	\$0	\$0	\$0	\$0
00276 C	CY 4 Basic	SOLLO Installation Support	\$0	\$0	\$0	\$0	\$0	\$0
00277 C	CY4 Rev B	SAA Support for NASA GSE Controls Integration Project	\$0	\$0	\$0	\$0	\$0	\$0
00279 C	CY5 Rev B	KSC Network Device Registry System	\$0	\$0	\$0	\$0	\$0	\$0
00280 C	CY3 Basic	Wireless Sensor Networks	\$0	\$0	\$0	\$0	\$0	\$0
00281 C	CY3 Rev B	Advanced Cable Tester Development	\$0	\$0	\$0	\$0	\$0	\$0
00282 C	CY4 Rev A	RESOLVE	\$0	\$0	\$0	\$0	\$0	\$0
00283 C	CY3 Rev C	External Tank Infrared Radiation Heating	\$0	\$0	\$0	\$0	\$0	\$0
00284 C	CY3 Rev A	AVEMS CARTA 2005	\$0	\$0	\$0	\$0	\$0	\$0
00285 C	CY4 Rev A	Evaluating Catalysts for O2/Ch4 Production	\$0	\$0	\$0	\$0	\$0	\$0
00286 C	CY3 Rev A	Lunar Regolith	\$0	\$0	\$0	\$0	\$0	. \$0
00287 C	CY4 Rev B	Dust Particle Mitigation	\$0	\$0	\$0	\$0	\$0	\$0
00288 C	CY4 Rev A	ISHM Testbed and Prototypes	\$0	\$0	\$0	\$0	\$0	\$0
00289 C	CY4 Rev A	Advance Functional Test of Goembei Instrument Spacecraft Charge Mir	\$0	\$0	\$0	\$0	\$0	\$0
00290 C	CY3 Basic	ESS Wireless Network Installation	\$0		\$0	\$0	\$0	\$0
00291 C	CY3 Basic	Nano-Tube H2 Gas Sensor	\$0		\$0		\$0	\$0
00292 C	CY4 Rev A	Signal Conditioning for Nan Sensors	\$0		\$0		\$0	\$0
00293 C	CY4 Rev C	Hex Chrome Alternative Coating Testing	\$0 \$0		\$0 \$0		\$0 \$0	\$0 \$0
00294 C	CY5 Basic	EZVI Materials testing	\$0	• •	\$0 \$0		\$0 \$0	\$0 \$0
00295 C 00296 C	CY3 Rev A CY6 Rev B	Equipment Obsolescence Prioritites for CTC Chemochromic Hydrogen Detection Expertise	\$0		\$0 \$0		\$0	\$0 \$0
00296 C	CY6 Rev. B		\$0		\$0		\$0	\$0
00297	CY6 Rev B	Complex 20 Cryogenic Engineering Support	\$0	**	\$0		\$0	\$0
00299 C	CY3 Basic	VAB Siding Coatings Testing	\$0		\$0		\$0	\$0
00300 C	CY3 Basic	Black Powder Phenomena Study	\$0		\$0		\$0	\$0
00300 C	CY5 Basic	LH2 and LOX Storage Tank Corrosion Condition Support	\$0		\$0		\$0	\$0
00303 C	CY5 Rev. B		\$0		\$0		\$0	\$0
00305 C	CY4 Rev B	Exploration GSE Tiger Team Project Mgmt/Sys Eng	\$0		\$0		\$0	\$0
00306 C	CY4 Rev B	Acoustic & Vibration Test data Analysis for Pluto Mission	\$0	\$0	\$0	\$0	\$0	\$0
00307 C	CY4 Rev A	EVM Process Documentation	\$0		\$0		\$0	\$0
00308 C	CY5 Rev A	NDE Support at Michoud	\$0	\$0	\$0		\$0	\$0
00309 C	CY4 Basic	HLA for SGOS Research Activity	\$0	\$0			\$0	
00310 C	CY5 Rev E	Independent Technical Authority Engineering Analysis Support	\$0	• •	\$0		\$0	\$0
00311	CY7 Basic	Infrastructure	\$0		\$0		\$0	\$0
00312 C	CY4 Rev F	EVM Preparation	\$0		\$0		\$0	\$0
00314 C	CY4 Rev A	Near Field MSBLS Navset Development	\$0	**	\$0	•	\$0	\$0
00315 C	CY5 Rev C	Advance Materials for Aerospace Applications	\$0		\$0		\$40	\$0
00317	CY6 Rev B	Imaging Systems Support	\$0	\$0	\$0	\$0	\$0	\$0

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Base Period	Task	Order	Summer
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	1464 0740	. Outlandly	L		CY	)8		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		Incentive	Total Cost &
C=Closed		Title	Costs	Costs	Cost	Award Fee	Fee	lotal Cost &
00318 C		Active Ice Mitigation Technologies						so
00319 C	CY4 Rev A	Advance Technology Development Center Support						\$0
00321 C	CY5 Rev A	KCCS Technology Update						\$0
00322	CY4 Rev A CY6 Rev A	ESS Security						\$0
00323 C	CY4 Basic	Electrostatic Separation of Regolith						\$0
00325 C	CY5 Rev A	Study of Mobile Helium Conversion System						\$0
00326 C	CY4 Rev D	Evaluation of USMC Hatch Covers SETI Migration						\$0
00327	CY7 Basic	Launch Site Quick Response Technical Support						\$0
00328	CY7 Basic	NESC Technical Support						\$0
00329 C	CY5 Rev. A	Shuttle Ground Equipment Obsolescence & Sustaining						\$0
00330 C	CY4 Rev C	RTF Test Site Closeout						\$0
00331 C	CY5 Rev F	Constellation Engineering Support						
00332 C	CY4 Rev A	Ground Camera Image Enhancement and Analysis						\$0
00333	CY7 Basic	NASA AP2 Program Support						
00335	CY7 Basic	LETF Constellation Program Support						\$62,291
00336 C	CY4 Rev A	IMU Simulator						\$0
00338 C	CY4 Rev B	Sonic Lightning Locator (SOLLO) Data Acquisition & Control						
00339 C	CY4 Rev A	TDRSS High Speed Dual Channel Transceiver Development						
00340 C	CY5 Rev C	High Performance Polyimide Based Powder Coatings						
00341 C	CY4 Rev A	Electrostatic Filtration of GN2 Systems						\$0
00342	CY7 Basic	Oxygen Production by Molten Salt						**
00343	CY7 Basic	Lunar Water Resource Demonstration (LWRD) Expertise						\$0
00344	CY7 Basic	Regolith Volatile Characterization Expertise						\$0 \$0
00345 C	CY5 Rev C	Black Powder Coalescing Filter Testing						\$0 \$0
00346 C	CY5 Rev A	Light Weight and Smart Materials for Exploration Applications						\$0
00347 C 00348	CY5 Rev A	Cryogenics Gate Valve with Sealing Technology						\$0
00349 C	CY7 Basic CY4 Rev B	IT Baseline Configuration Management Support						\$0
00349 C	CY4 Rev C	Advanced Miniaturized Instrumentation and Control Node						**
00351 C	CY5 Rev A	Fault-Tolerant PLC-Based Controller Solar Water Cracker						
00352 C	CY5 Rev A	NASA IT-C Project Management and Systems Engineering						\$0
1	CY5 Rev B	NDE Super Problem Resolution Team Support						\$0
	CY4 Rev A	Waste-to-Energy Helium and Hydrogen Recovery						\$0
	CY7 Basic	Birnetalic Treatment System for PCB Removal						
	CY5 Rev B	Lightning Protection System Design						
00357 C	CY4 Rev B	EMDS Multiplexer Prototype Fabrication						\$0
00359	CY7 Basic	KT Directorate Engineering Technical Services Support						
	CY4 Rev B	Lightning Monitoring System Support						\$0
	CY5 Rev C	Pyrotechnic Valve Y-PCA Testing						\$0
	CY7 Basic	Laboratory Relocation to SLSL						\$0 \$0
1	CY6 Rev C	Sonic Lightning Locator (SOLLO) LSP Project						\$0
	CY5 Rev C	Bird Abatement						\$0
1	CY7 Basic	NASA-STD-5008A Revision Support						\$0
	CY7 Basic	Operational Imaging Support						\$0
	CY7 Basic	Consumables Transfer Technology Development Project						\$0
1	CY7 Basic	Geotechnical Testing with Lunar Soil Simulants						\$0
	CY6 Rev B CY7 Basic	Command, Control & Communication Development (CxP)						\$0
	CY5 Rev. B	Command, Control & Communication PM/SE and I (CxP) Validation of CFD Analysis w/ LDV Test Data						\$162,202
	CY7 Basic	Shuttle Transition and Retirement						\$0
	CY6 Rev A	Aerodynamic Environment Study of Launch Vehicle Base						\$0
1	CY5 Rev A	3-D Scene Analysis						\$0
-	CY5Rev. A	Capacitance Based Liquid Level Sensor						\$0
ł	CY4 Rev A	Landing & Recovery for Spacecraft & PL Processing (CxP)						\$0
	CY5 Rev A	Smart Networked Elements in support of IHMS Systems						4
	CY7 Basic	Specifications and Standards - CxP						\$0
	CY5 Rev B	ML Electrical Systems Support (Exploration Ground Systems)						\$0
00380	CY7 Basic	SSPF Spacecraft and Payload - CxP						\$0
	CY6 Rev B	Safety and Mission Assurance CxP Support						\$340,928
	CY6 Rev C	Constellation Business Management						\$0 \$0
	CY5 Rev B	Architecture of a Lunar Instrument						\$0
00384 C	CY5 Rev A	Window Inspection Technology Upgrade						\$0 \$0
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Base Perio	od Task Orde	Summary			CY	08		
Task Order			Adjusted Target Labor	Other Direct	Total Estimated		Incentive	Total Cost &
C=Closed	Revision	Title	Costs	Costs	Cost	Award Fee	Fee	fee
00385	CY6 Rev C	Constellation Project Configuration Management	••					\$0
00386	CY7 Basic	Command and Control ARES						\$0
00387 C	CY5 Rev A	Smart Network Elements (SNE) Prototype Fabrication						\$0
00388	CY6 Rev A	Launch Coating Operations Support						\$0
00389	CY6 Rev. A	CLV ML Umbilicals, Vehicle Damper & CM Access Syst Desi						\$0
00390 C	CY5 Rev. B	ARES I-1 Pull-Off Umbillical Testing Preparations						\$0
00392	CY7 Basic	VAB High Bay Modification						\$267,200
00393	CY6 Basic	LCC Firing Room #1 Modification						\$0
00394	CY7 Basic	Hangar AF Modification						\$0
00395 C	CY5 Rev. A	Ares I-1 Pad B Integration						\$0
00396	CY7 Basic	Constellation LC-39B Integration						\$0
00397	CY7 Basic	Eval of Lunar Soil Excavation and Handling Concepts						\$0
00398	CY7 Basic	CLV Mobile Launcher (ML) Project Management						\$104,641
00399	CY6 Basic	Window Defect Inspection Device						\$0
00400	CY7 Basic	USTDC Design and Development Support						\$0
00401 C	CY5 Rev C	Advanced Communications Development Laboratory Support						\$0
00402 C	CY6 Rev B	Simulation and Analysis of Launch Teams (SALT)						\$0
00403	CY6 Basic	LSE Communications System Support						\$0
00405 C	CY6 Rev A	Application of Dust Screen Electrodes						\$0
00406 C	CY5 Rev. A							\$0
00407 C	CY5 Rev. A	Impregnation of Lunar Simulant with SEZVI						\$0
00408 C	CY5 Rev A	Low Temp Processing of Lunar Regolith to Produce O2						\$0.
00409	CY7 Basic	O2 Production System Modeling						\$0
00410	CY7 Basic	Integration Support to Const (CxP) Ground Syst Development						\$0
1	CY5 Rev B	Cryogenic Tank Insulation Test Support						\$0
00412	CY6 Rev H	Dust Mitigation						\$314,314
00415	CY6 Rev A	NASA Consolidation of Active Directory Support						\$0
00416 C	CY6 Rev A	Coatings Support						\$0
00418 C	CY5 Rev C	Particle Ejection and Levitation Tracker (PELT) Sensor						\$0
00419	CY7 Basic	Synthesis Assembly of Aligned Carbon Nanatube Arrays						\$0
00420 C	CY5 Rev B	LIVIS-CWLIS Performance Analysis						\$0
00421	CY7 Basic	Multi-Mission Support Equip (MMSE) For CxP						\$333,144
00422	CY6 Rev B	Non-Destructive Evaluation Technologies Development						\$0
00423	CY7 Basic	Pad B Elec Syst Formulation Supp Exploration Ground Syst						\$2,455,041
00424 C	CY5 Rev C	S&MA Support for Comand, Control & Communications						\$0
00425	CY6 Rev D	CLV ML Fluid Systems						\$862,690
00426	CY7 Basic	Electrical and Control & Data Division EDL Lab Support						\$982,642
00427	CY6 Basic	Solar Thermo Molecular Sieve H2/O2 Production	\$0	\$0	\$0	\$0	\$0	\$0
00428 C	CY6 Rev B	LO2 Storage Tank Aerogel Ins. Tech. Demo.	\$0	\$0	\$0	\$0	\$0	\$0
00429	CY7 Basic	Data Presentation and Visualization	\$0	\$0	\$0	\$0	\$0	\$0
00430	CY6 Basic	Eval - Test of Thermally Efficient Composite Mat. for Fluid Syst	\$0	\$0	\$0	\$0	\$0	\$0
00431 C	CY6 Rev A	Digital Image Inspection for Spacecraft Processing	\$0	\$0	\$0	\$0	\$0	\$0
00432 C	CY6 Rev B	High Perf Passive Fluffer-Eliminate Insul Compaction CryoTanks	\$0	\$0	\$0	\$0	\$0	\$0
00433 C	CY5 Rev B	Photonic Bandgap (PBG) Shielding Technology	\$0	\$0	\$0	\$0	\$0	\$0
00435 C	CY6 Rev A	AR7 Coating Replacement	\$0	\$0	\$0	\$0	\$0	\$0
00436 C	CY6 Rev A	Polyimide Based Powder Coatings	\$0	\$0	\$0	\$0	\$0	\$0
00437 C	CY5 Rev C	GN2 Filtration Using Electrostatic Methods	\$0	\$0	\$0	\$0	\$0	\$0
00438 C	CY6 Rev A	IR Leak Visualization	\$0	\$0	\$0	\$0	\$0	\$0
00439 C	CY5 Rev A	Acceptance Testing Digital Video Transmission Syst	\$0	\$0	\$0	\$0	\$0	\$0
00440	CY7 Basic	IPP Ground Operations Health Management	\$0	\$0	\$0	\$0	\$0	\$0
00441	CY7 Basic	IPP Self-Healing Wiring	\$0	\$0	\$0	\$0	\$0	\$0
00442 C	CY5 Rev A	Fluid Dynamics Conference Manuscript	\$0	\$0	\$0	\$0	\$0	\$0
00443 C	CY5 Rev B	Integrated Ground Ops. Health Management (IGOHM)	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00444	CY7 Basic	IPP Nanosensors	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00445	CY7 Basic	White Light Interferometric Depth Gage	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00446 C	CY5 Rev.B	Transient Voltage Monitor & SOLLO Modification	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00447	CY7 Basic	Hypergol Detection	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
00448	CY6 Basic	PC Based Command & Telemetry Workstation	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0
00449 C	CY6 Rev B	Coastal Radar Video Surveillance System	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
00450	CY7 Basic	CTC Equipment Obsolescence Implementation	\$0	\$0	\$0	\$0	\$0	\$0 \$0
	CY5 Rev B	Experimental Imaging Lab Infrastructure	\$0	\$0	\$0	\$0	\$0	\$0 \$0
00453	CY7 Basic	ML Electrical Sys. Supp. for Constellation Ground Sys.	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
	CY5 Rev A	ATM Transmission System Replacement	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
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ase retic	d Task Orde	r Summery	L		CY	UB		
Task			Adjusted		Total			
Order			Target Labor	Other Direct	Estimated		incentive	Total Cost
=Closed		Title	Coats	Costs	Cost	Award Fee	Fee	fee
455 C	CY6 Rev C	Hubble Service Repair Mission ESPL Support						
457	CY6 Rev A	Materials Science Lab Support						
458	CY7 Basic	CLV Upper Stage Umbilical Ground and Flight Plates Support						
459	CY7 Basic	Engineering Analysis for Constellation						
461	CY7 Basic	TEERM and AFSPC Program Support						
462	CY7 Basic	Mimally Intrusive Repair, Detection, and Self-Repair Systems						\$112,
4 <b>6</b> 3	CY7 Basic	Smart Coatings for Corrosion Detection and Control						\$329,
164 C	CY5 Rev B							
465	CY6 Rev C							
166	CY6 Rev A	, ,						
67	CY6 Rev A	NASA Lessons Learned Program Support						
168	CY7 Basic	Polymer Science and Technology Lab Support						
169	CY6 Rev B	Electrostatic Research on Martian Soil						
70	CY7 Basic	Excavation Hardware Development						
71	CY7 Basic	Lunar Soil Dust Standards Development						
72	CY7 Basic	IT System Services infrastructure						
173	CY7 Basic	US Army Vehicle Coating Study						
174	CY6 Basic	CLV/VEV Processing & Access GSE in the VAB						
175	CY6 Rev B	Hangar AF GSE for CxP						
76	CY7 Basic	KSC Hydrogen Dispensing Station						
77	CY7 Basic	Corrosion Labs						
178	CY7 Basic	Applied Chemisty Labs Infrastructure						
179 C	CY6 Rev B	Cryogenic Test Lab Operational Support Initiatives						
180	CY7 Basic	System(s) @ LC39B						
81	CY7 Basic	ISRU Beneficiation						
182	CY7 Basic	Heatshield Adapter						
183	CY6 Rev B							
484	CY7 Basic	ARL Coatings and Corrosion Research						
485	CY6 Rev B	<u> </u>						\$1,285
486	CY7 Basic	Design Engineering Handbook						V.,
487	CY7 Basic	XPS Support						
488	CY6 Rev C	• •						
489	CY7 Basic	Excavation Modeling System						
490	CY7 Basic	ROXYGEN Regolith Feed System						
491	CY7 Basic	Chilled Gaseous Helium Evaluation and Demo						
492	CY6 Basic	Infrared Camera-Based Fire Detection						
1493	CY7 Basic	Remote Measurements of Glass Defects						
494	CY7 Basic	PELT Sensor - Phase 2						
495	CY7 Basic	ISRU Systems Demo - ROXYGEN						\$32
496	CY7 Basic	CNT Ink for Dust Mitigation						ų or
497	CY7 Basic	LX-C & UB Special Spt for CxP						
498 C	CY6 Rev A	• •						
499	CY7 Basic	Electro-Magnetically Actuated Ball Valve Development						
500	CY7 Basic	CEV Service Module Leakage Flow Sensor						
501	CY7 Basic	Software Process Improvement						
502	CY7 Basic	Physics Concepts Support						
502 503 C	CY6 Rev A							
504	CY7 Basic	Cryo & Fluids Technology Focus Areas Support						
0505	CY7 Basic	Sintering Methods for Building a Lunar Launch Pad						
0507	CY6 Basic	Helium Sensing & Purge Gas Reclamation						
0508	CY7 Basic	GMSSL Infrastructure Support						
)509	CY7 Basic	Spacecraft Processing Element (SPE) Electrical Support						eenn
1510	CY7 Basic	New Materials for Structural Composites and Conductive Coat						\$632
1511		•						045
1511 1512	CY7 Basic	NAVAIR Support for Non-Chrome Coatings						\$15
	CY6 Rev D							
513	CY7 Basic	Development of Smart, Environmentally Friendly Coating						\$33
514 C	CY6 Rev C							
515	CY7 Basic	Thermal Switch Development using Shape Memory Alloy Tech.						
521	CY7 Basic	In-Situ Phosphatization for KSC Coatings and Corrosion Prev.						
522	CY7 Basic	Composite Conductors for Lightning Strike Mitigation						
524	CY6 Rev A							
525	CY7 Basic	Photonic Bandgap (PBG) Shielding Technology Phase II						
526	CY7 Basic	Non-Destructive Evaluation of Lunar Surveyor III Hardware						

Base Period Task Order Summary		r Summery			CY	08		
Task			Adjusted		Total			
Order C=Closed	Revision	Title	Target Labor		Estimated		Incentive	<b>Total Cost</b>
0527	CY7 Basic		Costs	Costs	Cost	Award Fee	Fee	fee
0527 0528		NASA Engineering (NE) Information Security Protection						
	CY7 Basic	Parallel Cryogenic Pumping Capability						
00529	CY7 Basic	Magnetically Coupled Seal-Less Cryogenic Pump						
00531	CY6 Rev B	Integrated Ground Systems Diagnostics						
00532	CY6 Rev A	Flow Detection System for WCCS						
0533	CY7 Basic	ControlNet Enabling Tech. for CNETSS in Support of ISHM						
00534	CY7 Basic	Cryogen Storage in Aerogel Composites						
00535	CY6 Basic	Low VOC Topcoats for Thermal Spray Coatings						\$4.
00536	CY7 Basic	Mars Architecture Team (MAT) Study						J-4,
00537	CY6 Basic	Crawlerway Foundation Study						
0538	CY6 Rev A	PAD 39B CLV LH2						
00539	CY7 Basic	NDE Techniques for Monitoring Fairings						
0540	CY7 Basic	Aerocoat AR-7						
00541	CY6 Rev A	Orion SPE Fluid Systems						
00542	CY7 Basic	Fluid Systems (CxP) Integration Support						\$654,
0543	CY7 Basic	LSP Facilities Project Management Support						
00544	CY7 Basic	Plug-and-Play Network Enable Intelligent Sensor Support						
0546	CY6 Basic	Software Development for Rapid Propellant Loading						
00547	CY7 Basic	Rapid Loading Cryo Systems for Simulated Launch Vehicle						\$39
00548	CY7 Basic	Refractory Materials for Flame Deflector Protection System						\$186,
00549	CY7 Basic	Ares I-X Stack-5 Ground Support Equipment						\$204,
0550	CY7 Basic	LETF Constellation Test Support						
00551	CY6 Basic	Coastal Radar Video Surveillance System Installation						
0552	CY7 Basic							
0554	CY7 Basic	S&MA Level IV Support for the Constellation Ground Systems						\$756,
00556	CY6 Basic	Load Supporting Aerogel Insulation for Low-Temp Systems						
X0557	CY7 Basic	NASA PH-N Logistics Engineering Support						\$941,
		ESTCP Coating Test						
0558	CY7 Basic	Dust Mitigation for Solar Panels						
00559	CY6 Basic	Lunar Oxygen Generation Via Dual Pyrolysis-Separation Process						
00560	CY7 Basic	MPPF Upgrade CxP Project Support						\$97.
00561	CY7 Basic	. Online Real-Time Cable Defect Re-Routing System						Ψ51,
00562	CY7 Basic	Aerogel Structural Insulation for Cryogenic Tanks						
0563	CY7 Basic	Descent Plume/Ejecta Analysis for Constellation						
00572	CY7 Basic	Propellant Conditioning						
00573	CY7 Basic	Constellation Logistics Support Analysis						\$1,451,
00574	CY7 Basic	VIE Handling and Access GSE Design						
0575	CY7 Basic	IT Communications System Support						\$1,956,
00576	CY7 Basic	Applied Technology (KT) Information Technology Security Support						
0577	CY7 Basic	Launch Vehicle Proccessing Business/Technical Resource						
00578	CY7 Basic	ISS and Spacecraft Processing Support						\$267,
0579	CY7 Basic	Process Management Support for Crew Launch Vehicle						
0581	CY7 Basic	Shuttle Turnaround Planning and Manifesting						\$269,
0584	CY6 Basic	System Maintenance Engineering Support for TA						\$260,
0585	CY7 Basic	Vertical Integration Element (VIE) Electrical Support						
0586	CY7 Basic	Aerogel Blanket Insulation for Space Environments						\$81,
0587	CY7 Basic	CXP Spacecraft Recovery and Retrieval Support						\$5,
		TOTAL						\$291,
		ADJUSTMENT TO ACTUALS						\$15,794,
		- TO TO TO TO TO TO TO TO TO TO TO TO TO						
			·					\$15,794